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Preparations are under way for the 80th anniversary gala concert of the University of Maine Orchestra. In rehearsal, conductor Anatole Wieck reviews notes with first-year music performance student Amanda Reynolds of Searsport, as other members of the Orchestra warm up. The 45-member ensemble includes William Bell, foreground, a first-year music education major from Kingman; Brendan Reilly, back, a senior in music performance from Hampden; and Brewer High School student Christopher Bailey, right. See related story on page 8.

Hoff Issues Response to Blue Ribbon Report

Recommendations and actions to make the University of Maine "an even better place to live, work, study and interact" are detailed in UMaine President Peter Hoff's newly released formal response to last semester's report by the Blue Ribbon Panel to Review the Student Experience.

In his response, Hoff outlines changes in programs and areas that directly affect the student out-of-classroom experience on campus – Student Affairs, Athletics, Bookstore, Career Center, Dining Services and Judicial Affairs; community life, entertainment, residential life, safety, student life and transportation.

Some recommendations already have been implemented, others are in the process of being implemented and more will be implemented as a result of the President's report.

Our ability as a community to discuss and implement change in a professional and constructive manner is a key to the kind of continuous improvement we must make in all aspects of our mission.

The recommendations are in response to April's report by the 16-member Blue Ribbon Panel, appointed by Hoff last spring to gauge the character and quality of students' university life – key factors in recruitment and retention. The panel, chaired by Matthew Moen, professor of political

science, made a series of recommendations on the premise that UMaine's "institutional culture must be fundamentally changed."

Also affecting the President's formal response was extensive input by members of the campus community, in response to the Blue Ribbon Panel report, that has "sharpened our understanding of the issues, helped us see the alternatives and brought about a broader consensus," says Hoff in his letter to the University community.

"Our ability as a community to discuss and implement change in a professional and constructive manner is a key to the kind of continuous improvement we must make in all aspects of our mission," says Hoff in his formal response. "I hope that this process can be seen as a model for such constructive dialog that needs to take place as we work through the many issues raised by the BearWorks Action Plan."

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As a service to the University community, costs of producing Maine Perspective are underwritten by University Printing Services.

Start of Union Expansion, Renovation Drawing Near

Preparations have begun for the \$10.2 million Memorial Union expansion and renovation project, the largest capital improvement initiative ever at the University of Maine.

Considered a "fast-track" project because of the need for and importance of the student-centered facility on campus, the expanded and renovated Union is projected to be substantially completed by spring 2000, according to Anita Wihry, executive director of institutional and facilities planning.

In the past three weeks, work began to redirect underground utilities on the south side of the Union where the 40,000-square-foot, two-story addition will be constructed. Bids will be accepted in November for a general contractor, who could be named by the start of next semester. According to Wihry, it will be the contractor's decision what part of the project begins first – renovation of the existing building or construction of the new facility.

The two architectural firms chosen last December for the project are Orcutt Associates of Yarmouth and Harriman Associates, the Auburn firm that undertook the extensive renovations of Dunn and Corbett Halls.

While official groundbreaking for the improved Union is still some time off, the preparation work is "an exciting step forward" on a project that has been more than a decade in the making.

"Once we have a contractor and know how the work to be done will be scheduled, we'll look at shifting people and services with a focus on minimizing disruption," says Wihry. "The next two

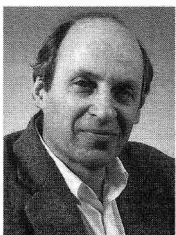
semesters will be most disruptive as the Union project gets under way and moves toward completion. My expectation is that it will not be fun to be in the Union in the coming year, but we'll try to minimize the pain."

According to Ron Reisinger, director of the Memorial Union and Bookstore Services, the hope is that some of the programming that normally takes place in the Union will continue through the construction process. Offices in the Union may have to be temporarily relocated within the facility or elsewhere on campus. It is expected that the Bookstore will be able to remain open through much of the project.

"We will need to remain flexible during the construction process," says Reisinger. "What people will have to keep in mind is what this will be when it's completed – a showpiece on campus."

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Kornfield Named Maine Professor of the Year



Irv Kornfield

The Carnegie Foundation for the Advancement of Teaching has named Professor Irving Kornfield as its 1998 Maine Professor of the Year, an award given annually in recognition of college faculty members who excel as teachers, and influence the lives and careers of their students.

This is the third Carnegie award presented to UMaine faculty. UMaine civil engineering professors Dana Humphrey and Habib Dagher

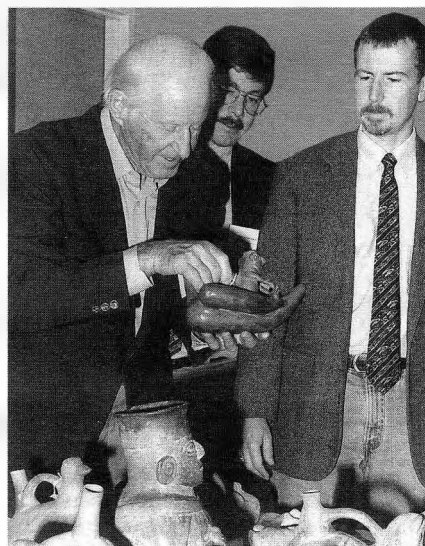
were named Maine Professor of the Year in 1994 and 1995 respectively.

Kornfield has been on the UMaine faculty since 1977 and holds the rank of professor in the UMaine School of Marine Sciences. He teaches undergraduate and graduate classes in evolution and marine ecology in both the School of Marine Sciences and Department of Biological Sciences. His thriving research activity focuses on evolutionary biology.

Kornfield also worked with the Maine Warden Service to develop UMaine's wildlife DNA forensic facility. In 1997, he was recognized as UMaine's Distinguished Maine Professor.

"Professor Irv Kornfield is the only person I know who comes to a lecture on evolution for honor students carrying a human skull and a peacock feather, and uses them both to excellent effect to illustrate his points," says Vice Provost for Undergraduate Education Doug Gelinas. "He truly is the kind of faculty member that typifies a university at its best: an excellent research scientist who involves students in his work, and who is also one of the best classroom teachers around. His lectures are always interesting, always clear, always thought-provoking, and never, ever routine. The University of Maine can be proud to count him as one of its finest teacher-scholars."

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World explorer Thor Heyerdahl, left, took time out during his visit to campus early this month to get a close look at the renowned artifacts of the Hudson Museum's Palmer Collection. Among those joining Heyerdahl were Hudson Museum Director Steve Whittington, right, and Dan Sandweiss, assistant professor of anthropology and Quaternary studies. Heyerdahl gave the opening address for the Climate and

Culture 3,000 B.C. conference, organized by Sandweiss and Kirk Maasch, associate professor of geological sciences and Quaternary studies, which drew researchers from the U.S., Canada, Chile, Sweden, Switzerland, Russia, Australia, New Zealand and China.

Photo by Nick Houtman

MAINE Perspective

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UNIVERSITY OF
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Calendar

MAINE

All events are free and open to the public unless otherwise specified. Any speaker not otherwise identified is a member of the University of Maine faculty, staff or student body. Send notices of upcoming campus events to: *Maine Perspective* Calendar, Public Affairs. Calendar of events listings **MUST** be typewritten and should be sent well in advance of the publication date. For more information, call x3745.

OCTOBER 30 – NOVEMBER 14

30 Friday

Margery Irvine and Naomi Jacobs Reading Their Creative Non-fiction, offered by the English Department, noon-1 p.m., Oct. 30, 304 Neville Hall.

Performance by the Steve Grover Quartet, part of the Jazz TGIF series, offered by the Union Board, 12:15 p.m., Oct. 30, Damn Yankee.

Women's Soccer: Maine vs. Hartford, 2 p.m., Oct. 30. xBEAR.

Field Hockey: Maine vs. Drexel, 3 p.m., Oct. 30. xBEAR.

"The Influence of Nutrients on Fungal Biomass, Production and Sporulation During Leaf Breakdown in Streams," by Keller Suberkropp, University of Alabama, part of the Biological Sciences Seminar Series, 3:10 p.m., Oct. 30, 102 Murray Hall. x3006

Women's Basketball - Blue/White Game, 6:30 p.m., Oct. 30. xBEAR.

"Moon Shadows," a Planetarium show, 7 p.m., Oct. 30, Wingate Hall. Admission fee. x1341.

Family Fun Night, including soccer, basketball, cageball, floor hockey and swimming, offered by Recreational Sports, 7-9:30 p.m., Oct. 30, Field House and Wallace Pool. x1081.

Men's Basketball - Blue/White Game, 8 p.m., Oct. 30. xBEAR.

31 Saturday

Culturefest '98, part of International Week, featuring country/culture exhibits, 11 a.m.-5 p.m., Union; children's activities with Global Links, 11 a.m.-4 p.m., Sutton Lounge; international food sale, 11 a.m.-3 p.m., Damn Yankee; talent show, 2-3:30 p.m., Hauck Auditorium; style show, 3:45-4:30 p.m., Hauck Auditorium; closing ceremony, 4:30-5 p.m., Hauck Auditorium, all Oct. 31. x2905.

Men's Soccer: Maine vs. New Hampshire, 1 p.m., Oct. 31. xBEAR.

1 Sunday

Field Hockey: Maine vs. Hofstra, noon, Nov. 1. xBEAR.

Women's Soccer: Maine vs. Vermont, 1 p.m., Nov. 1. xBEAR.

University of Maine Orchestra's Autumn Concert, part of the School of Performing Arts season, 2 p.m., Nov. 1, Minsky Recital Hall. Admission fee. x1755.

Men's Basketball - Exhibition Game with the Connecticut Diamonds, 5 p.m., Nov. 1. Admission fee. xBEAR.

International Sports Night, part of International Week, with demonstrations of games from around the world, 6-10 p.m., Nov. 1, Field House. x2905.

2 Monday

Book Discussion Group: *Straight Man* by Richard Russo, 10:30-11:30 a.m., Nov. 2, Mahogany Room, Wells Conference Center.

"Freshwater Birds in Ireland," by John O'Halloran, exchange professor, Biology Department, Colby College, and Department of Zoology and Animal Ecology, University College Cork, Ireland, part of the Wildlife Ecology Seminar Series, noon, Nov. 2, 204 Nutting Hall. x2866.

Lunchtime Dialogue: "The New German Leadership," a discussion by students and faculty, part of International Week, noon-1 p.m., Nov. 2, Totman Lounge, Union. x2905.

Indexes and Databases, a Fogler Library Internet Workshop, 3-5 p.m., Nov. 2, Fogler Computer Classroom. Registration. x1675.

Bye Bye Brazil, a Portuguese film, followed by discussion led by Byron Barley, part of International Week, 7 p.m., Nov. 2, 100 Nutting Hall. x2905.

3 Tuesday

"Laser Desorption Mass Spectrometry of Solids, Liquids and Aerosols," by Kermit Murray, Department of Chemistry, Emory University, part of the Chemistry Department Seminar Series, 11 a.m., Nov. 3, 316 Aubert Hall. x1190.

Lunchtime Dialogue: "The Russian Economy in Crisis," a discussion by students and faculty, part of International Week, noon-1 p.m., Nov. 3, Totman Lounge, Union. x2905.

"Cartoons, Ballots & Women: Suffrage Cartoons by Women," by Alice Sheppard, assistant professor of psychology, University of Maine at Presque Isle, part of the Women in the Curriculum Luncheon Series, 12:15 p.m., Nov. 3, Bangor Lounge, Union. x1228.

"The Role of Caves in Ancient Maya Society," by Jaime Awe, assistant professor of anthropology, University of New Hampshire and former commissioner of archaeology in Belize, offered

by the Hudson Museum, part of International Week, 3:30 p.m., Nov. 3, Maine Center for the Arts. x1901.

"North America and the Global Experiment," by Canadian-American Studies Distinguished Lecturer John Saul, internationally known novelist and essayist, part of Canada Week, 3:30 p.m., Nov. 3, Minsky Recital Hall. Reception follows. x4220.

Coffee House with Christine and Meredith Thompson, offered by the Union Board, 8 p.m., Nov. 3, Peabody Lounge, Union. x1734.

4 Wednesday

Japanese Tea Ceremony, by Aya Ochial, part of International Week, noon-12:45 p.m., Nov. 4, FFA Room, Union. x2905.

"Fibroblast Growth Factor Receptors in Growth and Development," by Robert Friesel, Maine Medical Center Research Institute, part of the Biochemistry, Microbiology and Molecular Biology Seminar Series, 3:10 p.m., Nov. 4, 124 Hitchner Hall. x2815.

Shall We Dance, a Japanese film, followed by discussion led by Chris Mares, part of International Week, 7 p.m., Nov. 4, 100 Neville Hall. x2905.

Like Water for Chocolate, a Spanish film, followed by discussion led by Kathleen March, part of International Week, 7 p.m., Nov. 4, 100 Nutting Hall. x2905.

Men's Soccer: Maine vs. Harvard, 7 p.m., Nov. 4. xBEAR.

5 Thursday

Lunchtime Dialogue: "The New President in Iran," a discussion by students and faculty, part of International Week, noon-1 p.m., Nov. 5, FFA Room, Union. x2905.

"Shaping Public Opinion in the Media Age," by Amy Fried, part of the Marxist and Socialist Studies Luncheon Series, 12:30 p.m., Nov. 5, Bangor Lounge, Union. x3860.

Canada in the Classroom: "Focus - Acadia," an after-school workshop for K-12 teachers, offered by the Canadian American Center, part of International Week, 3-5:30 p.m., Nov. 5, Bodwell Area, Maine Center for the Arts. Registration. x4225.

End of Second-Third of Semester for Withdrawals, 4:30 p.m., Nov. 5.

Performance by the Band Native, offered by Off Campus Board, 8 p.m., Nov. 5, Bear's Den.

6 Friday

Lunchtime Dialogue: "The Reconciliation Process in South America," by Sheila Sisulu, consul general for South Africa, part of International Week, noon-1 p.m., Nov. 6, FFA Room, Union. x2905.

"Gaelic Song and Story," a Folk Traditions Festival discussion featuring Rosemary McCormack, Margo Carruthers and Alistair MacLeod, part of International Week, noon-1:30 p.m., Nov. 6, Bangor Lounge, Union. x2905.

Performance by Neobop, part of the Jazz TGIF series, offered by the Union Board, 12:15 p.m., Nov. 6, Damn Yankee. x1734.

"Conservation of Marine Fish Habitats: Is Seaweed Harvesting a Serious Threat?" by Bob Rangeley, Huntsman Marine Lab, St. Andrews, New Brunswick, part of the Biological Sciences Seminar Series, 3:10 p.m., Nov. 6, 102 Murray Hall. x2974

Reading by Alistair MacLeod, author of *The Lost Salt Gift of Blood*, part of International Week, 4 p.m., Nov. 6, 402 Neville Hall. x4220.

Men's Ice Hockey: Maine vs. UMass-Lowell, 7 p.m., Nov. 6. Admission fee. xBEAR.

"Gaelic Song, Stories and Folklore," featuring performances by folk singers Rosemary McCormack and Margo Carruthers, accompanied by David Burke, part of the Folk Traditions Festival of International Week, 8 p.m., Nov. 6, Minsky Recital Hall. Admission fee. x1891.

7 Saturday

Maine Bound Outdoor Equipment Sale, Nov. 7, Lown Room, Union.

Lambda Chi Door-to-Door Community Food Drive, to benefit food banks throughout Maine, 9 a.m. kick-off featuring Rep. John Baldacci at Lambda Chi, 85 College Ave., followed by volunteers

collecting canned food throughout area neighborhoods, with central drop-off/collection site at Bangor Wal-Mart, Nov. 7. Volunteers needed. 866-0135 or 866-7321.

Men's-Women's Swimming and Diving: Maine vs. Vermont, noon, Nov. 7. xBEAR.

Folk Traditions Festival Workshops, focused on Gaelic language and song; Cape Breton step dancing; Cape Breton fiddling; and accompaniment - guitar/piano, 1-3 p.m. and 3-5 p.m., Nov. 7, Class of '44 Hall. Fee. x1891.

Evening Ceilidh, part of the Folk Traditions Festival of International Week, 6 p.m. dinner; 7 p.m. music and dance featuring fiddler Brendan Carey Block and Irish dancer Elaine Mulholland; 8 p.m. performance by fiddlers Rodney MacDonald and Glenn Graham, pianist Mac Morin and guitarist Patrick Gillis, with step dancing demonstration by Four on the Floor; 8:45 p.m. performance of Gaelic songs and stories by Margo Carruthers and Rosemary McCormack with David Burke; 9:30 p.m. performance by Rodney MacDonald and company, with Cape Breton square set dancing; 10 p.m.-1 a.m. music and dance, all Nov. 7, Damn Yankee. Admission. x1891.

Men's Ice Hockey: Maine vs. UMass-Lowell, 7 p.m., Nov. 7. Admission fee. xBEAR.

8 Sunday

Men's Basketball - Exhibition Game with BABC, 1 p.m., Nov. 8. Admission fee. xBEAR.

Performance by Les Violons du Roy, part of the Maine Center for the Arts performance season, 3 p.m., Nov. 8, Hutchins Concert Hall. Admission fee. x1755.

9 Monday

Women of the World Luncheon, featuring Iranian food, noon, Nov. 9, Church of Universal Fellowship, Orono. Admission fee. x1509.

"Use of Temporary Wetlands in a Hydrologically Altered Landscape; Contrasts in Anuran Life History," by Kim Babbitt, assistant professor, Department of Natural Resources, University of New Hampshire, part of the Wildlife Ecology Seminar Series, noon, Nov. 9, 204 Nutting Hall. x2866.

Ongoing Events

Campuswide Events

International Week, Oct. 31-Nov. 8.

Annual Folk Traditions Festival, part of International Week, Nov. 6-7. x1891.

Annual Professional Development Conference for Classified Employees, Nov. 19-20.

Workshops

"Better Writing, Less Time," a two-part workshop for writing-intensive course instructors, offered by Instructional Development, Nov. 5 and Nov. 12, 3:30-5 p.m., Totman Lounge, Union. Preregistration. x2438.

Entertainment

"Star Tales," a Planetarium show, 2 p.m., Sundays, Nov. 1-22, Wingate Hall. Admission fee. x1341.

"The X-Tra Terrestrial Files," a Planetarium show, 7 p.m., Fridays, Nov. 6-20 and Dec. 4-18, Wingate Hall. Admission fee. x1341.

Hay Fever, directed by Janet Warner-Ashley, part of the Maine Masque season, 7:30 p.m., Nov. 18-21; high school performance, noon, Nov. 20; 2 p.m., Nov. 22, Hauck Auditorium. Admission fee. x1755.

Exhibits/Demonstrations/Tours

Sumner 200: A Portrait of a Small Maine Town, a Hudson Museum exhibit, Nov. 3-May 16, Maine Center for the Arts. x1901.

Maine Crafts Association: New Faces, a Museum of Art exhibition, through Nov. 21, Carnegie Hall. x3255.

Douglas Higgins: Paintings on Paper, a Museum of Art exhibition, through Nov. 21, Carnegie Hall. x3255.

Woodland Tribes of the Northeast: Jud Hartmann Bronzes, a Hudson Museum exhibit, through May 16, Maine Center for the Arts. x1901.

Maine Forest and Logging Museum - Leonard's Mills open daily 10 a.m.-dark, Bradley. x2871.

University of Maine Museum of Art open Monday-Saturday, 9 a.m.-4:30 p.m. x3255.

Page Farm and Home Museum open daily, 9 a.m.-4 p.m. x4100.

Hudson Museum open Tuesday-Friday, 9 a.m.-4 p.m.; Saturday-Sunday, 11 a.m.-4 p.m. x1901.

Meetings of Groups/Organizations

Newman Center, 10 a.m. and 6:15 p.m. Sundays, and 4:45 p.m. Tuesdays and Wednesdays, 83 College Ave. 866-2155.

Foreign Language Tables: Monday - French; Tuesday - Russian; Wednesday - German; Thursday - Spanish, all noon-1 p.m., 207 Little Hall. x2073.

Circle K Club meets every Monday, 6:30 p.m., Bangor Lounge, Union. x3909.

Maine Peace Action Committee meets every Wednesday, 5 p.m., Maples. x3860.

Acoustic Jam, 7 p.m., every Thursday, Memorial Room, Union. x1734.

International Coffee Hour, 4 p.m., every Friday, Peabody Lounge, Union.

Comprehensive Fee Program Fund Committee Meetings, to accept funding applications for the academic year, 1:15-2:15 p.m., Nov. 2, Nov. 16, Nov. 30 and Dec. 14, Ham Room, Union. Deadline for application submission is noon the day of the meeting. Applicants are asked to attend a committee meeting to present their proposals. x1406.

Special Notes

Farmers' Market, 8 a.m.-1 p.m., every Saturday; 2-5:30 p.m., every Tuesday, Steam Plant Parking Lot through Oct. 31. Winter market open 10 a.m.-1 p.m., every Saturday starting Nov. 7, Page Farm and Home Museum.

Jordan Observatory open any clear Friday or Saturday night. x1348.

10 Tuesday

Registration for Spring 1999 Begins, Nov. 10.

President Hoff's Open Office Hour, 10 a.m., Nov. 10, Alumni Hall.

"Structure Sensitivity of Photocatalytic Processes on Titania Surfaces," by Gregory Rohrer, Materials Science and Engineering, Carnegie Mellon University, part of the Chemistry Department Seminar Series, 11 a.m., Nov. 10, 316 Aubert Hall. x1190.

"Modern Women in Crisis: Dramatic Scenes by Women Playwrights Performed by UMaine Acting Students," with Sandra Hardy, part of the Women in the Curriculum Luncheon Series, 12:15 p.m., Nov. 10, Bangor Lounge, Union. x1228.

Thirteenth Annual Maryann Hartman Awards Ceremony, offered by the Women in the Curriculum and Women's Studies Program, 5-7 p.m., Nov. 10, Wells Conference Center. x1228.

Internet Searching Techniques, a Fogler Library Internet Workshop, 6-8 p.m., Nov. 10, Fogler Computer Classroom. Registration. x1675.

Women's Basketball Exhibition Game, 7:30 p.m., Nov. 10. Admission fee. xBEAR.

11 Wednesday

University of Maine Open House, Nov. 11, Maine Center for the Arts.

"Final Exam Preparation," a Study Skills Program, 3:15 p.m., Nov. 11, Sutton Lounge, Union. x1734.

"Communication Skills for Health Care Professionals," by Claire Sullivan, part of the Department of Communication Sciences and Disorders fall series, 5-6:15 p.m., Nov. 11, North Lown Room, Union.

"Monsters and Chumps: Race in Comedy and Horror," the Marshall Dodge Memorial Lecture by Lewis Gordon, professor of Afro-American Studies, contemporary religious thought and modern culture and media at Brown University, offered by the Philosophy Department, 7 p.m., Nov. 11, 100 Neville Hall. x3892.

12 Thursday

"Beyond Fear and Anger: Conflict Management in Intimate Relationships," by Renate Klein,

part of the Employee Assistance Program Brown Bag Luncheon Series, noon, Nov. 12, Bangor Lounge, Union. x4014.

"No Hierarchies of Oppression: Bringing Gender, Race and Class into the Curriculum," by Kathleen March, Sheila Pendse, Eric Peterson and other faculty, part of the Marxist and Socialist Studies Luncheon Series, 12:30 p.m., Nov. 12, North Lown Room, Union. x3860.

"Software Process Improvement - Techniques, Issues, and Challenges," by Dennis Frailey, computer scientist at Raytheon Systems and an ACM Distinguished Lectureship speaker, offered by the UMaine student chapter of the Association for Computing Machinery, 5 p.m., Nov. 12, 117 Corbett Business Building.

University of Maine Jazz Ensemble Autumn Concert, part of the School of Performing Arts season, 7:30 p.m., Nov. 12, Minsky Recital Hall. Admission fee. x1755.

Performance by Blues Traveler, offered by SEC, 8 p.m., Nov. 12, Alford Sports Arena. Admission fee. x1734.

13 Friday

"Fire and Ice: The Evolutionary Transition from Thermophily to Psychrophily in Newly Discovered Archaea," by Ed DeLong, Monterey Bay Aquarium Research Institute, part of the Biochemistry, Microbiology and Molecular Biology Seminar Series, 10:30 a.m., Nov. 13, 100 Bryand Global Sciences Center. x2815.

Performance by Old Town High School Jazz Ensemble, part of the Jazz TGIF series, offered by the Union Board, 12:15 p.m., Nov. 13, Damn Yankee. x1734.

Women's Basketball: Maine vs. Levee Exhibition Game, 7:30 p.m., Nov. 13. Admission fee. xBEAR.

14 Saturday

Flax Day at the Page Farm and Home Museum, 10 a.m.-2 p.m., Nov. 14, Page Museum. x4100.

Men's-Women's Swimming and Diving: Maine vs. Holy Cross, 11 a.m., Nov. 14. xBEAR.

Movies: Sixteen Candles and The Breakfast Club, offered by the Union Board, 6:30 p.m. and 9:15 p.m., Nov. 14, Devino Auditorium, Corbett Business Building. x1734.

Look Who's On Campus



Internationally renowned novelist and essayist **JOHN RALSTON SAUL** will speak at 3:30 p.m., Tuesday, Nov. 3 in Minsky Recital Hall on "North America and the Global Experiment." Saul is one of Canada's most respected writers and thinkers. He has had a growing impact on political and economic thought with his philosophical trilogy, *Voltaire's Bastards: The Dictatorship of Reason in the West*; *The Doubter's Companion*; and *The Unconscious Civilization*. All three books provide a hard-

hitting, provocative look at the structures that dominate our lives in the West, and their effect on the individual. In 1995, *Utne Reader* chose Saul as one of the 100 leading thinkers and visionaries of our time.

JAIME AWE, assistant professor of anthropology, University of New Hampshire, and former commissioner of archaeology in Belize, will speak at 3:30 p.m., Tuesday, Nov. 3, Bodwell Area, Maine Center for the Arts, on "The Role of Caves in Ancient Maya Society." Awe's presentation will focus on the archaeology of several caves in Belize that were used by the ancient Maya to conduct rituals. He will discuss the nature of the rituals performed in these caves, the events for which they were held, and the participation of women in rituals.

Author and 19th century literature specialist **ALISTAIR MACLEOD** will participate in a discussion and give a reading from his works Friday, Nov. 6. MacLeod will participate in a presentation on "Gaelic Song and Story," at noon in the Bangor Lounge. Later at 4 p.m., in 402 Neville Hall, MacLeod will read from his collections of short stories, the Canadian classic *The Lost Salt Gift of Blood* and *As Birds Bring Forth the Sun*. MacLeod is professor of English and creative writing at the University of Windsor, Ontario.

The first annual Folk Traditions Festival Friday and Saturday, Nov. 6-7, will feature musical performances and presentations by Cape Breton artists. Those appearing include singer and storyteller **ROSEMARY MCCORMACK**, who has been collecting Gaelic songs for more than 35 years. Folksinger **MARGO CARRUTHERS** is the producer of a weekly Celtic music showcase and teaches Gaelic in the Nova Scotia school system. **RODNEY MACDONALD** is a master fiddler and step dancer with two CDs to his credit. Events include "Gaelic Song and Story," a noon-time discussion Nov. 6, Bangor Lounge; a performance of "Gaelic Song, Stories and Folklore," 8 p.m., Nov. 6, Minsky Recital Hall; Folk Traditions Festival Workshops, 1-3 p.m. and 3-5 p.m., Nov. 7, Class of '44 Hall; and an Evening Ceilidh, Nov. 7, Damn Yankee.

LES VIOLONS DU ROY will perform in Hutchins Concert Hall Sunday, Nov. 8 at 3 p.m. The 15-member ensemble from Quebec City specializes in the vast repertoire of works for chamber orchestra, performed in the stylistic manner most appropriate to each era. Although the group plays on modern instruments, its approach to works of the Baroque and Classical periods has been strongly influenced by current performance practice in works of the 17th and early 18th centuries. The group's artistic and musical director is Bernard Labadie.



LEWIS GORDON, professor of Afro-American studies, contemporary religious thought, and modern culture and media at Brown University, is a Marshall Dodge Memorial Philosophy Lecturer this fall. He will speak at 7 p.m., Sunday, Nov. 11, 100 Neville Hall on "Monsters and Chumps: Race in Comedy and Horror." Gordon also is visiting professor of political philosophy in the School of Government at the University of the West Indies at Mona, Jamaica, and visiting professor of African and

African American studies at Yale University. He is the author of several books, including *Bad Faith and Antiracist Racism*, *Fanon and the Crisis of European Man: An Essay on Philosophy and the Human Sciences*, and the forthcoming *Existential Africana*. He is editor of *Radical Philosophy Review: A Journal of Progressive Thought*.

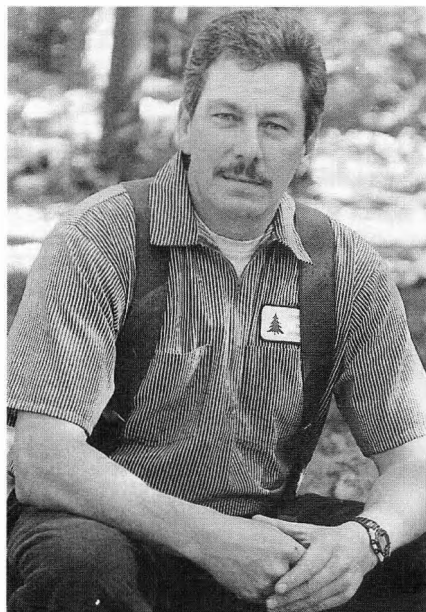
DENNIS FRAILEY, a computer scientist at Raytheon Systems and an ACM Distinguished Lectureship speaker, will speak at 5 p.m., Nov. 12, 117 Corbett Business Building, on "Software Process Improvement - Techniques, Issues, and Challenges." At Raytheon, Frailey is a leader in software engineering improvement, currently focusing on cycle time.

People in Perspective

As operations manager of the University Forest, Robin Avery spends every day working in the woods he played in as a child.

"The Forest is nothing new for me," says Avery, who joined the University community last year. "Actually, it is an old friend."

Avery oversees operations on more than 5,000 acres of University Forest, located on Marsh Island in Old Town and Bradley. He and 11 work study students are responsible for the day-to-day activities involved in the overall health of the forest – from harvesting of timber to maintenance of woodland trails.



Robin Avery

Avery brings to the University a lifetime of woodland management experience and a strong belief that working safely in the woods is key to all that he and the students do.

Avery has been in the logging industry for 21 years. He learned woods work from his father and was a self-employed logger for 11 years. Prior to coming to the University of Maine last September, Avery spent six months training others to become loggers in Maine's Certified Logging Program.

In 1993, Avery was named Outstanding Logger of the Year by the Certified Logging Professionals.

Avery and his student crew are rarely alone in the forest. Depending on the season, the Demeritt Forest is often teaming with walkers, runners and cross-country skiers. Motorized recreational vehicles are prohibited in these and the majority of the nearly 12,000 acres of woodlands owned by the University statewide.

Avery advocates multiple uses for such a public forest and takes every opportunity to educate forest users about the importance of managing such a natural resource. The question most-asked of Avery and his students: Why they are cutting trees?

"We're trying to have a diverse forest," Avery says. "We don't really need to have all one age or class (of trees) in the woods; we're trying to keep a healthy forest."

Management of a healthy forest yields benefits beyond timber harvests, the

proceeds of which benefit the University Forest and the College of Natural Sciences, Forestry, and Agriculture, including student scholarships. Well-managed woodlands provide healthy wildlife habitat and natural beauty. Forested acres also offer numerous educational opportunities for all ages.

For example, each spring for the past three years, UMaine students have operated a maple sugar house on the edge of the forest, just off College Avenue Extension. There they provide step-by-step syrup-making demonstrations – from the gathering of sap from nearby tapped maple trees to the boiling of golden syrup. Local schoolchildren are invited to tour the sugar house and sample some of the maple products.

Personally as well as professionally, Avery is never far from the Maine woods. He is an avid hunter, camper and fisherman, and his family shares his fondness for the outdoors.

"My wife and I like the outdoors and we spend a lot of time camping, fishing and on the lakes," Avery said. "That's a love of ours – we even spend a lot of time there in the winter."

Avery's daughter, Jamie, a third-year UMaine student, also works in the University Forest. Following in the footsteps of her grandfather and father, Jamie is an outdoor enthusiast.

"That's my daughter right there," says Avery, pointing proudly to a photo of a young woman clad in hunter orange. "And that's her first deer (taken last year in Great Pond Township)."

Gallery Glimpses

Flax Day at Page

Mary Chase of Brooksville, a specialist in flax, linen and traditional Swedish handweaving, will be among the spinners and weavers on hand for Flax Day at the Page Farm and Home Museum, Saturday, Nov. 14. From 10 a.m.-2 p.m., presentations will highlight the



In September, Paulette Schmidt of Troy was among the volunteers harvesting flax grown at Rogers Farm for the Page Museum.

history and future of flax, once an important crop in Maine. Joining Chase will be members of the Wednesday Spinners.

Portrait of a Small Maine Town

A photo exhibit chronicling the everyday life of Sumner, a town in western Oxford County, will be on exhibit at the Hudson Museum Nov. 3-May 16.

Sumner 200: A Portrait of a Small Maine Town is a series of 50 black-and-white photographs by Mark Silber, who runs Hedgehog Hill Farm in Sumner and teaches anthropology part-time at Lewiston-Auburn College.

The photographs show ordinary people, many of them lifetime Sumner residents, engaged in the day-to-day business of small town life.

The exhibit was created with support from the Maine Humanities Council, Mead Corp., Kenduskeag Foundation and Norway Savings Bank.



ENROLLMENT PLAN ESTABLISHES STRATEGIES FOR STUDENT RECRUITMENT AND RETENTION

In BearWorks, better service to students begins with enrollment. In the past year, aggressive recruitment efforts yielded 1,381 (21 percent) more first-year undergraduate students as of the official count than last year at the same time, including 81 additional Top Scholars (65 last year).

This academic year, those successful recruitment efforts will continue, in concert with a series of new recruitment and retention strategies, all in an effort to increase the size of the student body without sacrificing quality.

"What will drive our recruitment and enrollment plans is what we (as an institution) can comfortably accommodate," says John Beacon, dean of Enrollment Management. "We can't increase enrollment without the courses and programs students need to graduate within a reasonable timeframe or without adequate residence hall space. The student number of 12,000 has been suggested as a goal, but we have to monitor our growth and make it happen predictably – not growth simply for the sake of growth but with a plan in mind as to how we can accommodate students once they get here."

Increasing enrollment has a direct effect on the size of the University's budget. Enrollment growth makes possible UMaine's responsibility to address areas such as much-needed attention to deferred maintenance and, in the long term, to strengthen the institution's ability to address the needs of students and the state. Since increasing enrollment involves not only gaining new students but retaining those who are already enrolled, the University must have the fiscal resources to operate and provide quality academic programs and support services.

"We need to work together cooperatively," Beacon says. "Faculty involvement – the day-to-day interaction with students – is so critical to our success. Faculty who care, post and maintain office hours, and make themselves available as mentors are critical to students wanting to stay at the University. It's amazing what a difference a friendly hello can make to the students we pass each day on the way to classes."

Preliminary indications are that the University is doing a better job keeping students. Approximately 81 percent of the last freshman class returned as sophomores (compared nationally with an average of 75 percent at public land-grant universities and up by 3 percent over last year at UMaine).

"But we must not let the increased enrollments and better retention figures lull us into a false sense of comfort about future enrollment," says Beacon. "I think we have turned the corner and I am encouraged by the early interest thus far by high school seniors. Nevertheless, student recruitment efforts are being stepped up in southern Maine. And more than ever before, prospective students from outside the state are being targeted through new market strategies."

"Enrollment can't rely on students in the state," says Beacon. "People have a false sense of security in news that suggests that we are experiencing a second baby boom. While nationally in the next decade there will be increases in the number of traditional-age students going to college, that is not true for states like Maine. We have to start now to foster future growth from out-of-state students, even those beyond New England. Right now, New England states are as worried as we are and they are working hard to retain their own students."

"We have to look at what value-added benefits we have to offer at UMaine that will be attractive to students from across the

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ALANA Student Center Part of Effort to Strengthen, Support Diversity on Campus

An ALANA (African-American, Latino/a, Asian and Native American) student center has been designated in the north end of Hannibal Hamlin Hall as part of UMaine President Peter Hoff's commitment to supporting and strengthening diversity on campus. The center is expected to serve as a catalyst for change and as a focal point for minority student activities that affect the University community.

"Consciousness was raised that the campus community was ready for other initiatives outside of ongoing discussions and training about multiculturalism and diversity," says Sean Frazier, assistant director of athletics. "The University community needs tangibles like an ALANA student center and a Black Studies program."

"The President has a vision for meaningful initiatives (that will affect) our recruitment and retention issues in and out of state," says Frazier.

This fall, 710 out of UMaine's 9,126 students are international students or self-declared members of federally recognized minority groups. BearWorks, UMaine's action plan, has as one of its priorities to "make measurable and significant progress toward diversifying the faculty, staff, administration and student body, and broadening the curriculum and reflecting increased diversity."

"Diversity falls short as a goal if it does not bring us together as a society," says Hoff in BearWorks. "The UMaine campus needs to exemplify a collegial and harmonious community. This will happen only through a concerted effort that goes beyond the effort to bring diversity to the community."

Such a concerted effort is key to the ALANA student center. The foundation of the center, including a mission statement and goals, will be established by ALANA student representatives, who have been meeting monthly with the President since last winter. The formative year ahead will involve a variety of activities, including exploring ways to furnish and fund the facility, and plan programming.

"We've fought hard to get to where we are. Now we have to devise a plan," says Vesnier Lugo, a fifth-year health/fitness major from the Bronx who co-chairs the Student Heritage Alliance Center (SHAC) and is a member of Los Colores Unidos. Those multicultural student groups hoping to find a home in Hannibal Hamlin will meet and make decisions about what plans they have individually and collectively, he says. The hope is that the center will be the site of a variety of offerings – from educational programs and lectures to cultural films and a resource library.

"The center represents growth and will be a campus resource," says Mary Lawler, a senior from Lewiston majoring in marketing and treasurer of SHAC. "If we look back a year ago, we never thought we would have come as far as we have. Hopefully this is just the beginning of what will be more change."

Anita Wihry, executive director of institutional and facilities planning, describes the center as "a work in progress – the beginning of a long-term plan." Identifying a location for such a center was a first step in responding to the President's priority to support an increasingly diverse population in the University community, she says.

The space now designated for the center was most recently the location of the Faculty Club, which has been temporarily relocated to Colvin Hall.

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Center Stage

School of Performing Arts

University Orchestra's 80th Anniversary Gala

It was 1918. World War I ended in November. President Woodrow Wilson was in the White House; Robert Alew was president of the University of Maine.

That February, legendary UMaine Professor Adelbert Sprague, composer of the *Maine Stein Song*, announced the formation of the University of Maine Orchestra.

It was the beginning of a success story for one of UMaine's oldest arts organizations. For 80 years, the Orchestra has been a vital part of the music scene on UMaine's campus – whether presenting annual classical concerts or performing in the Pit for a Maine Masque musical production.

Under the direction of Associate Professor of Music Anatole Wieck, the 45-piece ensemble celebrates its 80th birthday with a concert on Sunday, Nov. 1, at 2 p.m., Minsky Recital Hall. A reception will follow the performance.

As part of the School of Performing Arts, the Orchestra offers undergraduate and graduate students first-hand experience in the discipline, training and expertise required of members in a performing ensemble. Conducting experience also prepares many of the music students for future roles as directors and conductors in school systems across the country.

A varied and challenging concert program, highlighted by student soloists, marks the gala celebration. J.S. Bach's *Brandenburg Concerto No. 5* features the trio of Jeni Maneva, candidate for the master of music degree and teaching assistant from Bulgaria, playing the harpsichord, Julie Newman, graduate student from Pittsburgh, on the flute, and Amanda Cushman of Bangor, concert master for the Orchestra and candidate for the master of music degree, on violin.

Juraj Kojcs, sophomore music performance major from Slovakia, is soloist for Haydn's *Piano Concerto in D Major*.

Curvin Farnham, director of bands, is guest conductor for Georges Bizet's *Carmen Suite No. 1*. Other works on the program include a Mozart symphony in D Major and American composer Aaron Copland's *Hoedown* from *Rodeo*.

Jazz Ensemble and Jazz Combo in Concert

Jazz standards and new compositions are the order of the evening when UMaine's Jazz Ensemble and Jazz Combo join forces for a concert in Minsky Recital Hall Thursday, Nov. 12 at 7:30 p.m.

Among the works performed by the 19-piece Jazz Ensemble are *Basie-Straight Ahead*, composed by Sammy Nestico for the Count Basie Orchestra; *Donna Lee* by alto sax great Charlie Parker; *Escape Velocity*, an exciting "hip-hop" original composition by Jeff Jarvis. A complete change of pace is provided by *Every Time We Say Goodbye*, a Cole Porter work arranged by Mark Taylor. Swing and blues are also featured in the program.

The nine-piece Jazz Combo will offer works from both the standard and the contemporary repertoire. *Fly Me to the Moon* by Bart Howard; *A Foggy Day* by Ira and George Gershwin; and *Nutville* by Horace Silver are programmed for the concert.

Both the Jazz Ensemble and the Jazz Combo are performing in numerous venues during the fall semester. Nov. 6, the Ensemble and Combo present a joint concert at South Portland High School. The Combo is on its own for a performance in the campus Jazz TGIF series Nov. 20 in the Union. The Ensemble follows with a TGIF performance Dec. 4.

Karel Lidral, director of jazz studies and associate professor of music, directs both the Jazz Ensemble and Jazz Combo.



The 1998 Combined Charitable Appeal for University Employees (CCAUE) has begun with a campaign goal of \$70,000. Across campus, 125 CCAUE volunteers are working on the campaign, which is co-chaired this year by Scott Delcourt, left, and Candace Jordan. The campaign is expected to be largely

complete by Nov. 25. This year, employees can make contributions through payroll deduction or directly to six charitable federations and more than 450 affiliated non-profit organizations serving the local community, the state and beyond. The charitable federations approved for participation in the 1998 CCAUE are the same as those approved in 1997 – United Way, America's Charities, Combined Health Appeal of Maine, EarthShare, International Service Agencies, and MaineShare.

Hartman Awards Recognize Achievements of Four Women

The leadership of four Maine women in public health activism, economic and social justice, spirituality and children's literature will be celebrated in the Thirteenth Annual Maryann Hartman Awards Ceremony Tuesday, Nov. 10.

The ceremony from 5-7 p.m., Wells Conference Center, will honor author Barbara Cooney Porter of Damariscotta, community activists Eleanor Humes Haney of Bath and Lucy Anne Poulin of Orland, and healthcare provider Eleanor Sargent of East Machias.

The annual ceremony honors the memory of the late Maryann Hartman of the Department of Speech Communication. Hartman Awards, sponsored by the Women in the Curriculum and Women's Studies Program, recognize women whose achievements provide inspiration to other women.

▼ Lucy Poulin is the president and co-founder of H.O.M.E. Inc., a cooperative community dedicated to economic and social reconstruction for individuals and families in transition from homelessness to independence. Poulin, who grew up in poverty on a rural Maine farm, worked in a fiber mill and a chicken processing plant before joining a Carmelite convent. In 1970, she felt the need to actively assist the poor, especially women. With several other Carmelites, she founded Homeowners Organized for More Employment in Orland.

▼ Eleanor Humes Haney is a feminist theologian and community activist, affiliated with the Maine College of Art and Bangor Theological Seminary. Books she has written include *Vision and Struggle: Meditations on Feminist Spirituality and Politics*. Her commitment to economic and spiritual justice for women is evident in the many organizations she has founded, including the Center for Vision & Policy, establishing alliances between indigenous and non-indigenous people in Maine and New Brunswick; and the Maine Community Loan Fund, providing low-interest loans to those in need.

▼ Barbara Cooney Porter is the award-winning author/illustrator of more than 100 children's books, many of which have been translated into 10 languages. In 1996 she was officially recognized by Gov. King as a Maine State Treasure. Recently she has been instrumental in the effort to provide Damariscotta with a new public library. Cooney's first book, *Ake and His World*, was published in 1940. Her favorites are the ones with Maine settings – *Miss Rumphius*, *Island Boy* and *Hattie and the Wild Waves*.

▼ Eleanor Sargent has been a nurse around the world, with a primary emphasis on rural Maine. For a decade, she traveled with Feed the Children teams in developing countries. Her initiatives have included collecting \$2 million in hospital equipment for children's hospitals in Guatemala and El Salvador, and gathering 2,000 pounds of food for distribution to the Temporary Shelter for the Homeless in Arostook County. Sargent has been practicing nursing in Maine for more than 45 years. ▲

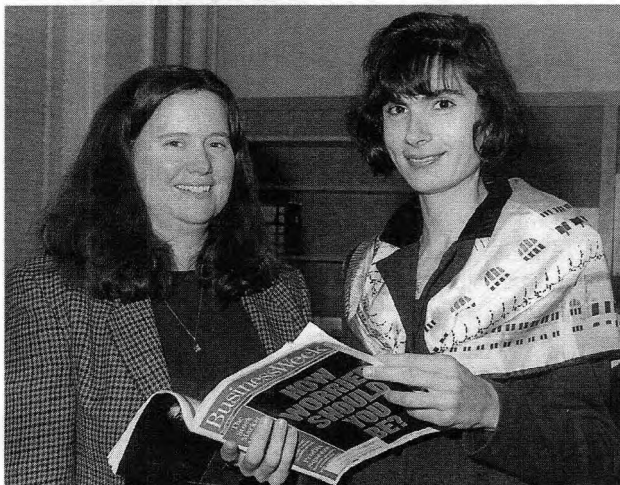
Graduate Student Takes Her Science Skills to *Business Week*

For 10 weeks last summer, Nellie Andreeva, a master's degree candidate in the Department of Physics and Astronomy, traded her desk in Bennett Hall for an office in mid-Manhattan. Under a fellowship from the American Association for the Advancement of Sciences (AAAS), Andreeva wrote science news stories for *Business Week* magazine.

Her stories featured headlines such as "At last, a car that cleans itself," "How to preserve the zip in zapped food," and "El Niño's Nasty Sister." The latter story ran in the July 13 issue and discussed potential damages from a strong fall hurricane season associated with La Niña, the flip side to El Niño.

"The scientists I talked to were very cooperative and helpful," she says. "I focused on stories of interest to the business community, of course. Once I learned the magazine's style, my stories were published with only a few editorial changes. I liked the work very much."

A native of Bulgaria, Andreeva came to UMaine in early 1997. She has master of science degrees in journalism and physics from Sophia University, and she is working on a project to use concepts from popular movies in physics education courses. In Bulgaria, she directed independent television programs and won Bulgaria's most prestigious honor for a director, the equivalent of an Emmy Award in the U.S.



Department of Physics and Astronomy Chair Susan McKay, left, and graduate student Nellie Andreeva.

Graduate Student Focus

Her experience at *Business Week* taught her how magazine writers and editors select stories for publication. She scanned Web sites and news releases to get story ideas, and then submitted suggestions to her editor.

With help from her advisor, Susan McKay, now department chair, Andreeva submitted her initial application to the American Physical Society last January. She almost decided not to apply after Ice Storm '98 left her without access to a computer.

"After classes resumed, a day before the deadline, Dr. McKay did everything to change my mind," she says. "She helped me send all the documents with an official note from the department explaining why they were late. As we can see, it worked."

Andreeva grew up in Iambol, Bulgaria, a small river town in a farming region. Her mother taught math at an elementary school, and her father, who died in 1995, was a miner.

"My mother was really excited to see my by-line, which was 'By Nellie Andreeva in New York.'"

The *Business Week* offices are located in Rockefeller Center, a location which gave Andreeva an extra perk – a front-row seat on live performances by Gloria Estefan, Chicago and others on NBC's *Today Show*. ▲

Blue Ribbon *continued from page 1*

Highlights of the changes to enhance the student experience at UMaine, called for by Hoff in his formal response to the Blue Ribbon Panel report:

▼ Student Affairs and Academic Affairs will cooperate and collaborate more than ever in their roles of affecting student experience.

▼ A committee will define the concept of a new student recreation center to improve recreational opportunities and to enhance student recruitment. Planning for a recreation center should include planning for reassignment of recreational sports from Athletics to Student Affairs.

▼ Student admission to athletic events was streamlined this summer, allowing students to use a MaineCard at dedicated student entrances.

▼ Administrative responsibility for the University Bookstore will be transferred to the office of the chief financial officer rather than the vice president for Student Affairs, effective July 1. As a prelude, the President has appointed a committee chaired by Chief Financial Officer Robert Durringer to study "the best arrangements that balance service to students and faculty, fiscal prudence and integration with other (UMaine) programs."

▼ By the spring semester, the Bookstore will offer a "guarantee" program to assure students they are paying the lowest possible prices for textbooks.

▼ The Career Center will be administered by Enrollment Management, effective Jan. 1.

▼ It is recommended that Faculty Senate work with the Office of Student Records and the Provost's Office to identify a block of time in the weekly academic schedule that can be left class-free, allowing members of the University community to plan and attend meetings and programs without conflicting with classes.

▼ Dining Services will develop more flexible meal plans, including adoption of "grab and go" lunch plans in the dining commons.

▼ A committee will develop a Campus Living Capital Plan – a long-term plan and funding program that will include evaluation of refurbishment, reno-

vation and new construction of residence halls and dining facilities.

▼ With the upgrade of a computer server, students will eventually be able to use their MaineCards to make food purchases from non-University vendors.

▼ The Center for Students and Community Life will undertake a comprehensive student needs assessment focused on the out-of-class experience, exploring the nature and variety of entertainment options students want made available on campus.

▼ A Conduct Code Committee appointed by the dean of students is currently evaluating the program of sanctions applied to violations of the University of Maine System Student Conduct Code. The goal is to investigate ways of better informing the University community of Judicial Affairs actions without violating privacy rights of students.

▼ A report on a plan to manage student academic misconduct through the Provost's Office is expected by Jan. 15.

▼ A task force will study all aspects of campus safety, including lighting, Public Safety procedures, crime prevention programming, campus visitors and judicial processes, with a report due March 1.

▼ The Center for Students and Community Life this year will formalize and enhance its ombuds role by initiating a comprehensive marketing package detailing its services in advocacy, support and problem-solving.

▼ Facilities Management will work with the Center for Students and Community Life to establish better public transportation links between campus and destinations in the area and region, including Bangor Mall and Bangor International Airport.

▼ Campus parking will be thoroughly reviewed by the administration's Traffic and Safety Committee to ensure that parking opportunities and enforcement are fair and equitable, that "no one will need to walk more than 10 minutes to their campus destination," and that close access or shuttle service are available at night. ▲

Interplay of Life and Environment

Editor's Note: On Tuesday, Nov. 3, people in Maine will be asked to vote on a bond issue question: "Do you favor a \$20,000,000 bond issue to improve the Maine economy by supporting innovative research and development of businesses and nonprofit and educational institutions in the fields of biotechnology, computers and other information technology, aquaculture and marine technology, forestry and agriculture, and advanced materials?"

In a five-part series, Public Affairs Science Writer Nick Houtman looks at the areas of research and development that would be affected by the bond issue. The series concludes with a look at basic research relevant to the biotechnology industry.

Recent results from a University of Maine research team with expertise in fish biology, genetics and protein chemistry are shedding light on the evolution of life in the world's coldest ocean. The findings are beginning to answer questions about how Antarctic icefish have evolved to thrive in an extreme environment, despite genetic mutations which would probably doom them elsewhere.

The work has generated new information about the interplay of life and the environment, and has attracted the attention of medical researchers who need to understand how cells respond to stress and disease. The project has also led to a separate study of the breakdown of proteins and fish meat spoilage, a topic of considerable importance to the seafood processing industry.

Collaborators include Bruce Sidell, a physiologist and director of the School of Marine Sciences, and Michael Vayda and Robert Cashion of the Department of Biochemistry, Molecular Biology and Microbiology. Students participating in the research include Kristin O'Brien, Theresa Grove and Deena Small. Two UMaine graduates working on the project as research technicians are Lori Costello and Tom Moylan.

Early years

The team focuses on icefish, one of six families of fishes in the Antarctic. This group has evolved in relative isolation over the past 25-40 million years and today dominates the southern ocean around Antarctica.

"The early years of our work were centered around questions of energy metabolism," says Sidell. "We wanted to get at the underlying mechanisms that permit normal cell function at very cold temperatures. Cold temperatures constrain a lot of biological processes. We were interested in understanding how these fish thrive at a body temperature of around zero degrees Centigrade for their entire life history."

Sidell and his graduate students have looked at topics such as how quickly oxygen moves through tissues and how muscle cells change when they are exposed to cold temperatures for long periods. Their work is supported by federal grants from the National Science Foundation's Antarctic Program. The extended trips south earned them the Antarctic Service Medal, which is awarded for more than 30 hours of work below 60 degrees south latitude.

"It looks like adaptation to cold temperatures turns on a genetic program of some sort. It's very similar to the change in gene expression that happens in endurance exercise training or in some disease states," Sidell explains.

"Chances are, when you see something like that happening, there's a signal here. It may well be that the signal is exactly the same in these fishes adapting to cold temperatures as it is in endurance training and diabetic myopathy. Nobody knows what it is. And you may be able to get at the answer directly and cleanly using this model."

Heart function

In the early 1990s, researchers shifted gears to focus on a related mystery. It turned out that, as icefish had evolved throughout the millennia, some species had lost the ability to make two chemicals which are vital to most animals. The compounds are hemoglobin, the oxygen-carrying pack horse in red blood cells, and myoglobin, which is found in muscles. Something about icefish allows them to get along without hemoglobin. It was thought until the mid-1980s, the same was true across the board for myoglobin.

Myoglobin is found in high concentrations in the heart and other hard-working muscles. It gives beef its red color. It plays a crucial role as a storehouse of oxygen, which muscles need in times of stress. While scientists have known about myoglobin for many years, they have yet to completely understand how it works.

It turns out that icefish are a particularly useful model for studying the role of myoglobin in the heart. "Icefish are absolutely unique among all vertebrate animals in their cardio-vascular physiology," says Sidell. "If you look at the blood of these animals, it's sort of a cloudy, opalescent gray color. There are no other vertebrate species in the world which as adults do not express hemoglobin or red blood cells. They also have some fairly draconian changes in their cardio-vascular system that appear to compensate for this lack of oxygen-binding ability. They have very large hearts, large blood volumes and very high cardiac output."

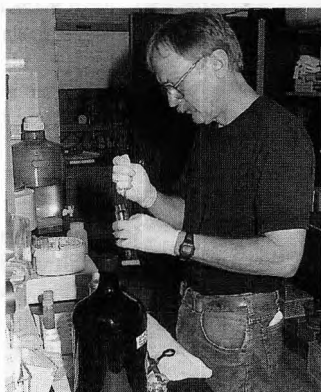
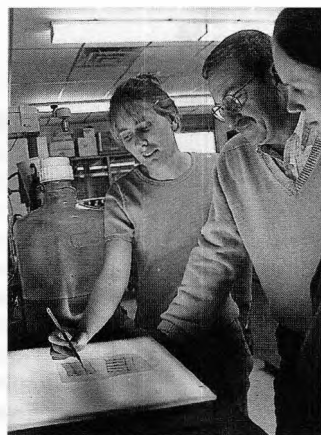
Since icefish species were first described in the scientific literature in the early 1950s, the evidence suggested that all 15 of them lacked myoglobin. In the mid-1980s, scientists reported finding the chemical in two species. That report was viewed with skepticism, and Sidell was among the skeptics. His opinion changed during a research trip to the Antarctic in early 1990s.

"We had collected an icefish species that we don't see very often, and we had decided to harvest this particular animal for some tissue experiments. We opened it up, and because it has no hemoglobin or red blood cells, everything was really pale. And there, sitting in the chest cavity of the animal, was a very rose-colored heart ventricle.

"I got pretty excited. I managed to get the physician at the Palmer Station (in Antarctica) whipped up enough about it to bring in a surgical light and take some pictures."

Over the next few months, Sidell and his colleagues performed a series of tests which confirmed that indeed, myoglobin was present. That finding raised a variety of important questions. Did other





Researchers involved in a multi-year study of Antarctic icefish include, top left, Mike Vayda and Deena Small; top right, Theresa Grove, Bruce Sidell and Kristin O'Brien; lower right, Bob Cashion. Not pictured are Lori Costello and Tom Moylan. Their combined work has generated new insights into the ability of icefish to survive in the world's coldest ocean. Their findings have attracted the attention of medical scientists.

Photos by Nick Houtman and Mike Vayda

icefish species have it? Is it necessary for those species, or is it akin to the human appendix, an unnecessary evolutionary artifact? If indeed myoglobin is important, how have species without myoglobin adapted to its loss?

The questions are not fully answered, and indeed Vayda and Sidell have an unresolved bet over the evolutionary artifact question. In fact, says Vayda, the answer may be more complicated than scientists thought. Experiments have shown that icefish hearts containing myoglobin are stronger than hearts without it.

However, in the environment of the deep cold southern ocean, mutations leading to the loss of myoglobin are not lethal. Icefish without myoglobin get along quite well, thank you.

The team has confirmed that during the evolution of icefish species, genetic mutations leading to the loss of myoglobin have occurred independently at four different times. Moreover, the mutations are not identical. In other words, there is no genetic smoking gun which eliminated myoglobin from some icefish species.

Cashion has confirmed that fish myoglobin is structurally different from mammalian myoglobin. The fish variety is more flexible and appears to bind and release its store of oxygen more rapidly than human myoglobin.

The team has published numerous articles about its findings, and more than half of the scientists who have requested reprints of those articles are medical researchers. For example, a University of Rochester Medical School scientist recently contacted Sidell about the myoglobin work, which may be helpful in research on cardiac physiology and oxygen-starved tissues.

"If you look at most of the work being done now on artificial blood substitutes, it's based on myoglobin. There's more to be understood about how myoglobin structures can be changed to result in different functional characteristics," says Sidell. ▲

The Basics of Bones

Nothing could be more basic about the human body than bones. Everything else is tucked into the skeletal framework like furniture in a house. It would seem that medical science ought to know bones well. At the finest scale, researchers should understand how they grow, what gives them strength and why they may ultimately bend or weaken with old age. Not so.

The basics of bone cell biology are revealing themselves slowly under the probing eyes of team of UMaine researchers. Susan Hunter, an associate professor in the Department of Biological Sciences, and her students are working with scientists at Jackson Laboratory in Bar Harbor, Pennsylvania State University and Washington University to understand how bone cells accomplish the many tasks needed to construct the human skeleton.

Hunter's collaborators include Luanne Peters, a highly respected cell biologist at Jackson Lab and a recipient of a UMaine Ph.D. in zoology in 1988, and Carol Gay, professor of cell biology at Penn State who received a bachelor's degree in zoology at UMaine in 1962. During Hunter's graduate years at Penn State, she worked with Gay before receiving her Ph.D. in 1980. Their Washington University colleague is Professor Philip Osdoby.

This team has been studying the fine points of bone cell function and structure. They have focused on one of the key ingredients, the membrane skeleton, a protein network underlying and connected to the cell's outer skin. Their work got a boost this summer with the completion of a thesis by one of Hunter's graduate students, Eric Osborne, a former Bangor resident now attending medical school at the University of New England.

Osborne established the presence of a key membrane skeletal component, ankyrin, in a specific type of bone cell known as an osteoclast. He identified the gene, the DNA sequence which provides the code for the ankyrin protein, and he identified where the compound resides in the cell.

"Ankyrin is a key component in a variety of cells," says Hunter. "It acts like an anchor. It connects spectrin, which is the major fibrous protein in the membrane skeleton, to a variety of other proteins in the cell membrane."

It's possible, says Hunter, that by doing so, ankyrin performs a vital role in strengthening cell membrane and helping the bone cell to communicate with other cells in the blood or marrow.

The research team is also taking clues from the presence of ankyrin in other cells. "In the case of red blood cells, we know that when they are deficient in ankyrin, they can have a variety of problems. Some of them can be quite lethal. There are potentially a lot of places where there could be a defect," says Hunter.

Hunter began her own work at Penn State working with avian bones. Because they grow quickly, they provide scientists an excellent model system for studying bone development. However, much of the team's future work will focus on mice. The Jackson Lab has discovered a mouse that is deficient in ankyrin. This year, Hunter and her colleagues found this mouse also has low bone density.

"The importance of the mouse model can't be overemphasized," says Hunter. "There are a lot of molecular probes, markers and antibodies directed against mouse proteins. Because we have this known mutant, we'd be nuts not to study it. The combination of a known protein mutation and a skeletal defect suggests a connection between the membrane skeleton inside the cell and the skeletal system of the body."

Hunter is on sabbatical this year at Penn State where she will continue working with chicken bones. As a visiting scientist at Jackson Lab, she will also be preparing to shift part of her attention to the mouse model.

ALANA *continued from page 7*

"The center has to do with noticeability and being out there in the public," says Wesley Petteway, a senior majoring in finance and management from Brooklyn who is president of the Black Student Union.

"While we've done a lot in the community, there still are people who don't know our name or think we are just a minority group doing things for ourselves. We want all to know that while we're trying to put multicultural values and ideas and events forward, they are for the whole University to bring everyone together," he says. "We want to be both teachers and students through this ALANA center. We want it to be a place where students from different cultures can learn about others and leave something of their own behind."

The center will provide an opportunity for minority groups "to come together to dialogue about similar issues that affect all of us," says Frazier. "This should be a place to pursue a shared agenda of issues that arise on a predominately white campus. We are not in a fishbowl but in a place for education, identity, understanding, mentorship and transition. Those are the many roles this center can serve. All should view this as an excellent way to support our students of color. Until there is a critical mass of students, faculty and staff reflecting ethnic and racial diversity on this campus, the center is a beacon of hope.

"It's also important for people to know that creation of this center is not special preference or affirmative action for minority students. Rather, it is a way to bring people together on common ground to promote ideas of difference. We are in a very homogeneous state and we have to do things to promote racial and ethnic diversity. Diversity can't be treated as an add-on because it was left off to begin with; multicultural and diversity initiatives must be institutionalized as equally important. People need to step out of their comfort zones and realize why these initiatives should happen at an institution of higher learning like this flagship campus."

The center grew out of the SHAC, a student organization established in 1996 to support ethnic diversity on campus by providing students of all cultures and backgrounds a place where a sense of community is shared. Since its inception, SHAC has been headquartered on the lower level of Cumberland Hall. In coming weeks, SHAC, along with the Black Student Union and Los Colores Unidos, will be the first of the student organizations to take up residence in Hannibal Hamlin Hall.

"SHAC was created in response to a need to unite minority students on campus," says Frazier. "Now the ALANA student center is taking those efforts to another level, with expanded programs, more visibility and leadership reflecting even more diversity. It will be a spot on campus where there will be a free-flowing exchange of ideas. The center will become an ambassador for multiculturalism on campus.

"It is so good to see the institution step up and create a student



Among those who helped make the ALANA student center a reality are, front row, left to right, Shontay Delalue of SHAC and Anita Wihry, executive director of institutional and facilities planning; second row, Equal Opportunity Director Evelyn Silver, UMaine President Peter Hoff and Sherman Rosser, executive director of University recruitment; third row, Mary Lawler of SHAC, Sharon Paul of the Native American Club, and Scott Anchors, executive assistant to the president; fourth row, Vesnier Lugo of SHAC and Los Colores Unidos, Wesley Petteway of the Black Student Union, and Sean Frazier, assistant director of athletics.

center that is an official statement of respect for – affirmation and recognition of – people's differences. It will help in recruiting and retaining students.

Everyone needs a place where they feel safe and comfortable. At the center, you can come and be who you are, and be accepted as such."

For some students, the center will be like a home away from home, says Shontay Delalue, a third-year student from Roselle, N.J., and co-chair of SHAC. "In my first year, I was welcomed to campus through SHAC. Now it is exciting to see the center on campus before I graduate as a place for us and for everybody."

The Native American Club is looking forward to helping this building take form, says Sharon Paul, an education major from Indian Island. "I have only been involved with this group recently and I have only attended one meeting, but I feel that for this to take place on campus is a step in the right direction. I just hope that continuation of the ALANA center keeps moving forward after we all graduate. My dreams have always been that we all would be treated equally."

The Center will help build a community on campus that has been all but absent in years past, says Lugo. "When I first got here, we had no support anywhere on campus. We felt alone. That's why most people I came in with are not here. Since then, with the Multicultural Student Affairs staff and now the center, we can tell there is increased awareness of multicultural students on this campus.

"The center will help us embrace our own culture," Lugo says. "For people participating in the activities and educational programs, some of the barriers, stereotypes and lack of knowledge will subside. People need a willingness to learn and to accept differences. We don't need to see eye to eye, but we need to be willing to accept differences. That's what I look for in terms of community support.

"People need to realize that the world is a colorful place." ▲

Kornfield *continued from page 2*

The Council for the Advancement and Support of Education (CASE) established the Professors of the Year program in 1981. CASE works in cooperation with the Carnegie Foundation and higher education associations to administer the award. Nominees are from public or private higher education institutions.

Bruce Sidell, director of the School of Marine Sciences, points out that Kornfield's work makes a difference to Maine people.

"Our students are beneficiaries of the enthusiasm and the excellence of his instruction," says Sidell. "His vital research program takes him to the far reaches of the globe in pursuit of understanding evolutionary biology, but he equally devotes his expertise to critical marine issues in Maine, such as population structures of some of the Gulf of Maine's most important commercial fisheries, lobster and haddock." ▲

News at a Glance

ORONO FARMERS' MARKET DEBUTS WINTER HOURS

Orono Farmers' Market has extended its season to 11 months of the year with the addition of a winter market beginning Nov. 7.

Until Oct. 31, the final day of the traditional season, the Farmers' Market is open 2-5:30 p.m., Tuesdays and 8 a.m.-1 p.m., Saturdays in the Steam Plant parking lot. Every Saturday from November-March, the Farmers' Market will be offered 10 a.m.-1 p.m. at the Page Farm and Home Museum.

Winter market will include the sale of such products and produce as winter storage crops – carrots, potatoes, squash; fresh baked goods; some greens; dried beans; fresh, free-range chicken and turkey; maple syrup; dried herbs; goats' milk; smoked meats and cheese; and balsam wreaths.

This year, there are almost 30 growers and producers in the Farmers' Market, with an average of 16 selling on market days.

SCHOLARLY COMMUNITIES LINK LEARNING ENVIRONMENTS

Learning occurs in and out of the classroom. To facilitate the integration of classroom learning with students' residential life, Campus Living has instituted a Scholarly Communities program, expanding existing and introducing new initiatives.

"The basic idea is to work with hall staff and faculty to set up programs to enrich the educational experience at the University," says graduate assistant Valencia Daigle, who is coordinating Scholarly Communities.

This year, Daigle has scheduled activities related to the class book, *Lies My Teacher Told Me*, by James Loewen. A film series is offered on the campus cable channel and class book discussions are held in the residence halls.

In addition, Daigle this year hopes to debut Mindapalooza, a traveling academic resource fair. Campus organizations such as the Career Center, the Writing Center, the Onward program and Fogler Library will be invited to participate.

Other programs sponsored by Campus Living include:

- ▼ Faculty in Residence, with faculty members living in the residence halls and participating in the residential communities.

- ▼ Faculty Sleepover, with faculty staying overnight in residence halls.

- ▼ Promoting Academically Successful Students (PASS), in which residential students enrolled in one of several large lecture classes meet in study groups with a tutor/leader who has successfully completed the course.

- ▼ Last Lecture Series, with faculty and staff invited into a residence hall to give their "lecture of a lifetime" about an academic or personal interest.

- ▼ Academic Lifestyles, with several floors in specific halls designated for students in particular academic programs, facilitating study groups and common intellectual dialogue. Currently, students in engineering programs and science majors have such lifestyle sections.

In addition, Dining Services provides ongoing opportunities for faculty/student interaction with the Brain Food program.

Students and faculty participating in Brain Food meet and talk over a meal in the dining commons, where days have been designated specially for particular academic disciplines. Faculty members can reserve a table or private dining room by calling Beth Carlson, x4619.

For more information on any of the Scholarly Communities programs, call Daigle, 581-8867.

LAMBDA CHI FOOD DRIVE HAS 10,000-POUND GOAL

In the coming week, members of UMaine's chapter of Lambda Chi Alpha, with the help of area Boy Scouts, will cap a year-long food drive effort to benefit people in need. The goal this year is to collect 10,000 pounds of non-perishable food items by Nov. 7.

Collection bags will be distributed to area residents beginning Friday, Oct. 30; donations of food items will be picked up by volunteers a week later. Saturday morning, Nov. 7, Congressman John Baldacci is expected to be on hand at the Lambda Chi Alpha fraternity house on College Avenue to see the volunteers off as they begin their neighborhood rounds.

Throughout the day, non-perishables can be dropped off at the main collection site at Wal-Mart on Hogan Road in Bangor. Radio station Z107.3 is expected to regularly report collection totals as Lambda Chi strives to reach its food drive goal.

All food collected in the drive will be distributed to area food banks and shelters.

To date, Lambda Chi members have collected 6,000 pounds of food as part of its year-long effort. The food drive for those in need has been a community service project of the fraternity since 1993.

Last year, 5,200 pounds of food were collected in the annual drive.

As part of this year's food drive, Lambda Chi members teamed up with the coordinators of the Bangor State Fair and Z107.3 to offer \$2 off fair admission in exchange for three cans of food. This fall, local businesses have cooperated by setting out food collection boxes. Spotlight Cinemas in Old Town is offering patrons one free soda for every two cans of food donated for the Lambda Chi food drive up until Nov. 7.

Lambda Chi members also have plans for the start of next year's collection effort. In the spring, Lambda Chi will host a food drive competition for area middle school students. The first school to collect 2,000 pounds of food will win a free dance at Bangor Auditorium, sponsored by Lambda Chi.

The annual food drive is just one of Lambda Chi Alpha's community improvement efforts. UMaine members this semester have participated in such events as Rape and Sexual Assault Awareness Week and the Civil Rights March.

Lambda Chi Alpha member and third-year student Jared Hanson says support from chapter alumni has made an important impact on the ongoing community efforts of the fraternity. Alumni are involved in helping to establish community contacts, soliciting donations and making contributions to support members' service projects.

Hanson describes Lambda Chi Alpha as "a group of individuals and students at UMaine who have formed a friendship and bond, trying to make life better for others."

Through the years, Lambda Chi Alpha has also been recognized for its commitment to the community. In 1997, it received the Steve Gould Award, which recognizes organizations that demonstrate superior qualities of unselfishness and compassion for others. Lambda Chi also received community service awards from the Interfraternity Council last year and from VOICE for the past three years.

MAINE PERSPECTIVE FALL PUBLISHING SCHEDULE

Nov. 13 (copy deadline Oct. 30);

Nov. 27 (copy deadline Nov. 13); Dec. 11 (copy deadline Nov. 27).

V O L U M E S

Recent Works by University of Maine Authors



***Myth and Religion in Mircea Eliade* By Douglas Allen (Garland Press 1998)**

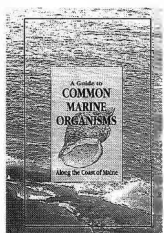
Mircea Eliade was often described as the world's most influential historian of religion and foremost interpreter of symbol and myth. In his fourth book on Eliade, Professor of Philosophy Doug Allen critically interprets the scholar's theories of religion, myth and

symbolism. Allen's 400-page study is the first scholarly book focusing on Eliade's theory of myth. According to Robert Segal, editor of the "Theorists of Myth" series in the Garland Press Reference Library of the Humanities, Allen is widely admired as the foremost authority on Eliade generally, and in *Myth and Religion*, "brings to bear his mastery of Eliade's corpus and of the considerable scholarship on Eliade."

For Eliade, all myth was religious myth, with religious structure and function. In addition, the controversial scholar believed myths were symbolic narratives and mythic language was symbolic. To comprehend Eliade's theory of myth, it also is necessary to consider Eliade's antireductionist claims.

In this multidisciplinary study, Allen shows that for Eliade, myth is an indispensable element in achieving the kind of life that all humans crave. Allen maintains that it is the essential universal systems of symbolic structures, when integrated with the essential universal structure of the dialectic of the sacred, that primarily constitute Eliade's hermeneutical framework and serve as the foundation for his phenomenological approach.

Myth and Religion covers six topics: principle of antireductionism; theory of religion; theory of symbolism; nature of myth; myth, religion and history; and myth, religion and the contemporary world. The volume not only enables readers to understand archaic and traditional religious phenomena, but to make sense of repressed and sublimated mythic dimensions in modern secular life, and to explore new creative possibilities for contemporary cultural and philosophical renewal.

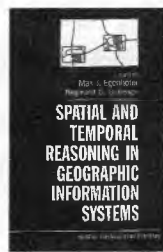


***A Guide to Common Marine Organisms Along the Coast of Maine* Susan White, editor (University of Maine Cooperative Extension and the Maine/New Hampshire Sea Grant Program 1998)**

A Guide to Common Marine Organisms Along the Coast of Maine is an overview of the fascinating creatures that inhabit Maine's coastal zone.

The book, illustrated with pen-and-ink drawings, was developed as an easy-to-use guide to the intertidal flora and fauna. It is divided into three parts, focusing on marine organisms, seaweeds and phytoplankton. Each section, written by an expert in the field, provides the reader with information and illustrations on creatures such as the common anemone, the sea potato or the toxic phytoplankton, *Alexandrium tamarenses*.

A Guide to Common Marine Organisms Along the Coast of Maine is edited by Susan White, Sea Grant communications specialist/educator. One of the reviewers was Ian Davison, interim Sea Grant director. The writers include Les Watling, professor of oceanography; Wendy Norden, phytoplankton monitoring coordinator, and Esperanza Stancioff, water quality biologist, both with the Knox-Lincoln County Cooperative Extension.



***Spatial and Temporal Reasoning in Geographic Information Systems* Edited by Max Egenhofer and Reginald Golledge (Oxford University Press 1998)**

As part of its goal, the National Center for Geographic Information and Analysis (NCGIA) has sponsored several initiatives designed to investigate the critical development facets of Geographic Information Systems (GIS). *Spatial and Temporal Reasoning in Geographic Information Systems* is the result of one of those initiatives.

The volume, edited by Max Egenhofer, NCGIA director at UMaine and the College of Engineering's Liba Professor, and Reginald Golledge, professor of geography at the University of California - Santa Barbara, includes essays from 25 contributors from the U.S., England, Germany, Austria and New Zealand. The scholars are from such diverse disciplines as geography, cartography, surveying engineering, computer science, mathematics, and environmental and cognitive psychology.

Spatial and Temporal Reasoning is intended to increase understanding of the reasoning processes that apply to geographic space and time, including computational, cognitive and social science applications. The basic premise of spatio-temporal reasoning is that space and time are linked by processes. Observed spatial patterns indicate that different processes have been at work and provide information on their temporal order.

The book is part of the Spatial Information Series of Oxford University Press. It is Egenhofer's third co-edited book.

LESSONS IN LEADERSHIP TELECONFERENCE

The third annual "Worldwide Lessons in Leadership Series" teleconference will be offered Wednesday, Nov. 18, a Lessons in Leadership Program presented by colleges and universities nationwide in cooperation with *FORTUNE* magazine.

In Maine, two downlink sites are being offered by UMaine's Division of Lifelong Learning - at Jeff's Catering and Banquet in Bangor and the Augusta Civic Center. The teleconference is 10:45 a.m.-5:30 p.m.

The event will feature the world's "Big Three" leadership experts - Stephen Covey, author of *The Seven Habits of Highly Effective People* and one of *Time* magazine's 25 most influential people in America; Ken Blanchard, the first author to have four books concurrently on *Business Week*'s Top 15 best-seller list; and author Tom Peters, hailed as "the father of the post modern corporation" by the *Los Angeles Times*. The three will make presentations related to this year's program, "World Class: How to Team Up for Success Wherever You Live and Work."

In addition, General Electric chair/CEO Jack Welch, and Herb Kelleher, chair/CEO and president of Southwest Airlines, will participate in a 75-minute interactive exchange, sharing insights and strategies for success.

Attendees will receive a free hardcover edition of *Lessons in Leadership From YOUR Neighborhood* (scheduled for release in 1999).

Admission for members of the University community is \$129 per person. Call 1-800-689-9771 to register.

Campuswide Calendar Available

Maine Perspective keeps an electronic calendar listing on-campus events for the academic year that have been submitted for inclusion. The UMaine Master Calendar is available on FirstClass (in the Campus Activities folder) and on the Web (off the UMaine homepage: www.umaine.edu or the calendar website: www.ume.maine.edu/~paffairs/perspectiveweb/mastercalendar.html).

Cynthia Mahmood, associate professor of anthropology: a review of *Fieldwork Under Fire*, ed. Carolyn Nordstrom and Antonius Robben, *Journal of the Royal Anthropological Society*; and a review of *The Civility of Indifference*, by F.G. Bailey in *American Ethnologist*.

Hemant Pendse, professor, chemical engineering: three peer-

reviewed contributions in the *Handbook on Ultrasonic and Dielectric Characterization Techniques for Suspended Particulates*, Hackley V.A. and Texter J., (Ed.) published by the American Ceramic Society, Westerville, Ohio (1998) – Han, W. and Pendse, "Unified Coupled Phase Continuum Model for Acoustic Attenuation in Concentrated Dispersions," (p. 129-152); Pendse, Bliss T.C., and Han W., "Particle Shape Effects and Active Ultrasonic Spectroscopy," (p. 165-75); and Sharma, A. and Pendse, "Ultrasonic Spectroscopy Measurement System for On-Line Sensing of Concentrated Particulate Suspensions," (p. 177-89).

Professor **Melvin Burke**, Economics: a chapter, "Las Corporaciones Multinacionales y Disocupacion Global," in *Mexico en America* (ed.) Carlos Maya Ambia, University Autonoma Siraloa, Mexico (1998).

Richard Mueller, assistant professor of economics and Canadian Studies: "Public-Private Sector Wage Differentials in Canada: Evidence from Quantile Regressions," *Economic Letters*, 60(2):229-35 (August 1998).

Gary Schilmoeller, associate professor, child development and family relations, and **Marc Baranowski**, associate professor, human development: "Intergenerational Support in Families with Disabilities: Grandparents' Perspectives," *Families in Society: The Journal of Contemporary Human Services* (September-October 1998).

Cathy Tower, teacher, Fairmount School, Bangor, and graduate student in literacy: "Making Room for Laughter: The Use of Humor in the Writing Classroom," *The New England Reading Association Journal*, 34:2 (1998).

Kelly Chandler, literacy faculty, Syracuse University and recent UMaine doctoral graduate, and Gail Gibson, teacher, Mapleton Elementary School: "Making Reading Partners an Integral Part of the Reading-Writing Curriculum," *The New England Reading Association Journal*, 34:2 (1998).

Mary Ellen Camire, associate professor of food science and human nutrition, and **Michael Dougherty**, scientific technician: "Added Phenolic Compounds Enhance Lipid Stability in Extruded Corn," *Journal of Food Science*, 63(3):516-18.

Professor **Michael H. Lewis** has had two paintings accepted into the Portland Museum of Art Biennial Exhibition, Nov. 5-Jan. 3. Fifty-six artists were chosen for the exhibition from the 914 who applied. Jurors were: Will Barnett, painter, New York City; Rachel Rosenfield Lafo, senior curator, DeCordova Museum, Lincoln, Mass.; and Bridget Moore, D.C. Moore Gallery, New York City.

EMPLOYEE ASSISTANCE PROGRAM SERVICES AVAILABLE

The Employee Assistance Program (EAP) provides free, short-term counseling and professional consultation services for all active and retired faculty and staff, and their immediate family members who have personal or work-related concerns. This confidential resource assists employees with a range of issues, such as occupational or personal stress; conflict resolution; anxiety disorders, such as phobias and panic attacks; marital and family issues; single parenting; legal referrals; relationship conflict, personal or at work; alcohol and drug misuse and dependency; burnout; depression; career decisions; divorce; financial concerns; and eldercare.

When a referral is needed, links are made with carefully screened community resources (therapists, psychiatrists, lawyers, physicians, financial consultants, etc.). Confidentiality is EAP's most critical component. All contacts are strictly confidential. No information, including participation in EAP, is disclosed without written client authorization. EAP office hours are Monday-Friday, 8 a.m.-4:40 p.m., including the noon hour. Accommodations for appointments can be made. Call 581-4014.

Employee Assistance Program-Emergency Loan Fund (EAP-ELF) is available to all UMaine employees experiencing financial emergencies, with interest-free loans up to \$750 in one year to be paid back by payroll deduction. Call the EAP office, x4014, for an appointment.



Sen. Susan Collins was on campus earlier this month to announce that a five-year study of the mental health needs of children in rural areas will continue. The Margaret Chase Smith Center for Public Policy has been a consultant in the study, which was implemented three years ago by Harvard Medical School. When Harvard ended its participation in the grant study, the National Institute of Mental Health selected a new grant recipient, the North Carolina-based Research Triangle Institute (RTI), a social science research group. Collins facilitated the transfer of the grant. Under a subcontract with RTI, Margaret Chase Smith Center interviewers using laptop computers will interview approximately 1,300 children ages 4-11, their parents, and their teachers in Penobscot, Piscataquis, Washington and Hancock counties. Data being developed by the project are considered essential to planning mental health services for rural youth; previous research has focused on youth in urban areas. Approximately \$2 million will be allocated for the final two years of the study, with more than half of the funding earmarked for the Margaret Chase Smith Center. On hand for the announcement by Collins, second from the left, was Deirdre Mageean, left, interim director of the Margaret Chase Smith Center for Public Policy; Dan Dwyer, vice provost for research and graduate studies; and Kathy Bubar, regional systems director of the Maine Department of Mental Health.

Photo by Kathryn Rice

Book Ends



New & Noteworthy at the University Bookstore

Marking the Sparrow's Fall: Wallace Stegner's American West, Edited by Page Stegner (Henry Holt 1998). Stegner's first collection since his death in 1993, *Marking The Sparrow's Fall* is his biggest collection. This anthology of Stegner's major writings on the American West is a gathering of his most powerful pieces, as well as 15 essays never before published, chosen by Stegner's son, Page. Together they make the most complete and comprehensive statement ever about what it means to be a Westerner.

Too Good to Be Forgotten: Changing America in the 60's and 70's, David Obst (Wiley 1998). Journalist David Obst, who had a knack for being at the center of every interesting story, has an insider's perspective on the '60s and '70s during the anti-war movement. Through Obst's eyes, we see the casual mix of idealism and excitement of the times, and find ourselves in the thick of the defining moments. *Too Good to Be Forgotten* is a memoir of a generation.

Why I Write: Thoughts on the Craft of Fiction, Edited by Will Blythe (Little Brown 1998). What makes the great American fiction writers tick? Editor Will Blythe's curiosity led him to ask 26 of the most exciting and accomplished novelists of our time why they do what they do. This anthology offers a rare inside look at the imaginative processes of some of America's best writers. Featuring original essays by such literary giants as Norman Mailer, Pat Conroy, Robert Stone, and Terry McMillan, along with works by many newcomers like Rick Moody, Elizabeth Gilbert and Dennis Johnson, *Why I Write* offers eloquent (and occasionally bemused) proof of why the craft of fiction writing will endure.

Notable New Books:

Bag of Bones – Stephen King's latest – is here!

Once Upon a Number: The Hidden Mathematical Logic of Stories, John Allen Paulos (Basic Books 1998)

The Poisonwood Bible, Barbara Kingsolver (Harper Collins 1998)

Peggy Agouris, assistant professor with the Department of Spatial Information Science & Engineering and NCGIA, and **Anthony Stefanidis**, research faculty with NCGIA, attended the 8th International Symposium on Spatial Data Handling (SDH) in Vancouver, July 11-15. Stefanidis presented a paper on "Digital Image Retrieval Using Shape Based

Queries," co-authored by Agouris and **James Carswell**. In addition, Agouris and Stefanidis attended the Symposium of Commission IV of the International Society for Photogrammetry & Remote Sensing in Stuttgart, Germany. Stefanidis presented a paper on "Sketch-Based Image Retrieval in an Integrated GIS Environment," co-authored by Agouris. For this paper, Stefanidis received the Young Author Award for Outstanding Paper.

Scott Delcourt, director of the Graduate School, represented the University of Maine chapter of the National Honor Society of Phi Kappa Phi at the Society's National Triennial Convention at Pennsylvania State University, Aug. 4-8. The convention offered delegates from more than 280 Phi Kappa chapters the opportunity to exchange of ideas on promoting academic excellence. The highlight of the 1998 convention was its theme, "Winnowing the Past to Cultivate the Future." As the Society begins its next 100 years, it seems appropriate to focus on an agricultural theme. Prior to 1900, the Society was known as the Morrill Society, a name chosen to honor the sponsor of the congressional act that provided for land-grant universities. Founded in 1897 at the University of Maine, the Honor Society of Phi Kappa Phi is a nonprofit organization that recognizes and encourages academic excellence in all disciplines. With more than 790,000 members and 281 chapters, Phi Kappa Phi is one of the oldest and most respected honor societies. The Society budgets \$380,000 annually for fellowships to support outstanding students' first-year graduate study.

Cynthia Mahmood, associate professor of anthropology, gave a lecture at Columbia University on "The Punjab Conflict: Human Rights in Context." In addition, she was a guest on the *Bill Good Show*, CKNW Vancouver.

David Handley, Cooperative Extension small fruit and vegetable specialist, received an award in the American Society of Agricultural Engineers (ASAE) 1998 Educational Aids Competition, for his recent publication, *Strawberry Production Guide: For the Northeast, Midwest and Eastern Canada*. Handley served as one of two technical editors for the guide and wrote six of its 14 chapters. The guide received a blue award in ASAE competition.

Jim Dill, Cooperative Extension pest management specialist, received an award in the American Society of Agricultural Engineers (ASAE) 1998 Educational Aids Competition for *Strawberry Production Guide: For the Northeast, Midwest and Eastern Canada*. Dill wrote one of the chapters in the guide, which received a blue award in the ASAE competition.

Michael Howard, associate professor of philosophy, gave a paper, "Basic Income and Cooperatives," and a plenary address on "Basic Income in the U.S.: A Report on the Non-Debate," at the 7th International Congress on Basic Income, Amsterdam, the Netherlands, Sept. 10-12. He also gave a paper, "Cooperatives, Globalization and the Left: Mondragon and Worker Ownership in the U.S., Spain and Italy," in the Social Science Research Centre Seminar Series, University of Northumbria, Newcastle Upon Tyne, England, Sept. 16.

Alfred Leick, professor in spatial information, presented the paper, "Assessing GLONASS Observations," at the Institute of Navigation GPS-98 conference, Nashville, Sept. 15-18. Co-authors were J. Beser and P. Rosenboom of 3S Navigation, California, and B. Wiley of NIMA, St. Louis.

Henry Munson, professor and chair of anthropology, delivered a paper, "International Election Monitoring – A Critique," at a conference on "Controlled Contestation and Opposition Strategies" at the Thomas Watson Jr. Institute for International Studies at Brown University, Oct. 2.

Geoffrey Thorpe, professor of psychology and director of clinical training, presented a keynote address: "Cognitive-Behavior Therapy for Anxiety Disorders: Concepts, Procedures, and Applications," at the 11th Annual Conference of the Maine Clinical Counselors' Association, Sept. 25 in Portland. He also presented a workshop on the same topic.

Wei Chen and **Karl Schlenker**, grad students in Civil and Environmental Engineering, and the School of Marine Sciences, and **Vijay Panchang**, professor, School of Marine Sciences, attended the 1st Symposium on Marine Applications of Computational Fluid Dynamics, conducted by the Navy's Hydrodynamic/Hydroacoustic Technology Center, May 19-21, MacLean, Vir. Chen and Schlenker jointly presented a paper, "Validation of Advanced Harbor Wave Prediction Model," co-authored by Panchang and Z. Demirebilek of the Army Waterways Experiment Station, Vicksburg, Miss. Panchang also chaired the session on "Grid Generation, Surface Geometry, and CAD Links."

Cindy Pilskaln, assistant professor in the School of Marine Sciences, was appointed in August to the Land for Maine's Future Board. She takes the place of Marion Brown of York. Pilskaln is a geologist who has conducted research on the geochemical properties of waters in the Gulf of Maine, the North Pacific and other areas. The Board identifies and purchases special areas of land for public use.

Stephen Whittington, director of the Hudson Museum, presented two lectures at Keene State College in conjunction with *Worldviews: Maya Ceramics from the Palmer Collection*, a traveling exhibit organized by the Hudson Museum and curated by Whittington. He presented "Pots, Bones, and Dirt: Searching for the Maya Past" at the Thorne-Sagendorph Art Gallery Sept. 23, and "Ethnic Relations in Highland Guatemala on the Eve of the Spanish Conquest" at a Multicultural Seminar Luncheon Sept. 24.

Richard Mueller, assistant professor of economics and Canadian studies, presented a paper, "An Empirical Model of International and Interregional Migration: Canada and the United States," at the Migration Conference, Centre of Canadian Studies, University of Edinburgh, May 1-2. The paper was co-authored with **Gary Hunt**, professor of economics. A paper, "The Transition into Self-Employment in Canada: The Importance of Involuntary Separation and Unemployment Duration," was presented at the Canadian International Labour Network's International Conference on Self-Employment, Burlington, Ontario, Sept. 24-26. The paper was co-authored with Carol Moore, CNA Corp., Alexandria, Vir.

Paul Grosswiler, associate professor of journalism and mass communication, presented a research paper, "McLuhan, Habermas, and the Mediated Shapes of the Public Sphere," to the Canadian Communication Association annual conference, a part of the Congress of the Social Sciences and Humanities, University of Ottawa, Ontario, May 31-June 3.

Professor **Dennis Cox**, Music, was the guest conductor for the Kenai Borough High School Honors Choir Music Festival, Oct. 12-13, Soldotna High School, Soldotna, Alaska.

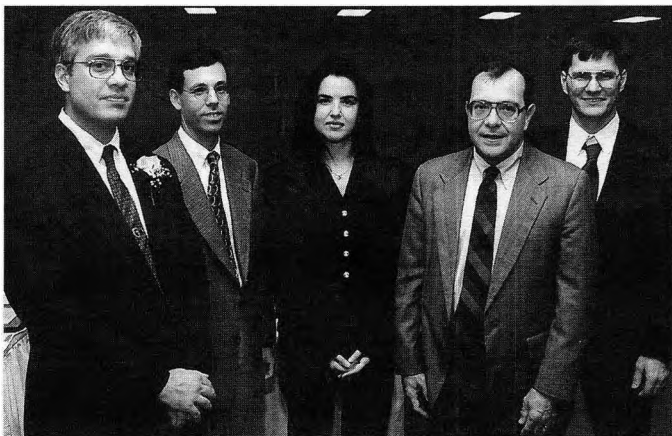
Joe Kelley, Geological Sciences and the Maine Geological Survey, and **Steve Kahl**, Water Research Institute and Geological Sciences, gave talks Oct. 14 in Augusta at the Geological Society of Maine short course on Maine Geology. Kelley spoke on the geological and cultural evolution of Maine beaches. Kahl spoke on acid rain and the geologic control of acid-base status of surface waters.

Professor **Melvin Burke** presented a keynote talk, "La Traffico Illicito en Dragas y la Guerra Anti-Druga," at the Annual Bolivian Historical Association meeting in Cochabamba, Bolivia, July 29.

Davida Kellogg, geology and Quaternary studies, delivered a paper, "A Dangerous Engine to Play With: George Washington's Legacy of Civilian Control of the Military at the at the Intersection of America's 3rd Century and the Millennium," with Maj. **Randy Clements**, military science, at the George Washington Conference at Louisiana State University, Shreveport, Sept. 17-19.

Ali Ozluk, associate professor of mathematics, chaired a session at the International Congress of Mathematicians that was held in Berlin, Germany, Aug. 18-27. He also presented a talk, "A Farey Fraction Spin Chain," reporting on work done in collaboration with Professor **Peter Kleban**, Department of Physics and Astronomy.

Janice Kristo and **Rosemary Bamford**, professors of literacy, and **Paula Moore**, director of the Center for Early Literacy, presented "Making Facts Come Alive: Choosing Quality Nonfiction for the Primary Grades," at the Northeast Early Literacy Conference, Lowell, Mass., Oct. 15. Moore also gave a presentation, "Early in the Program: Teaching for Shifts in Processing," for Reading Recovery teachers during the conference.



A new scholarship and some of the College of Engineering's most prestigious awards were presented at the college's annual recognition banquet, held during Homecoming Weekend. The Lockheed Martin Scholarship is intended to support one or more students interested in pursuing work in Analog-to-Digital Converters (ADCs) and associated studies. It was established in recognition of the outstanding work in this field by faculty members Fred Irons and Don Hummels, in whose accomplishments Lockheed Martin has a significant interest. At the recognition banquet, Ernie Hollis of Lockheed Martin, Class of '59 and the 1994 Distinguished Engineering Award winner, made the donation presentation. Recipients and their awards are, left to right, David Cyr, a Ph.D. student in chemical engineering, the 1998 Graduate Assistant Teaching Award; Peter Wolcott, president of Precision Resource and a member of the UMaine Class of '83, the 1998 Distinguished Engineering Award for outstanding engineering accomplishments in the field of fineblanking; Peggy Agouris, assistant professor, Department of Spatial Information Science and Engineering, and NCGIA, the 1998 Early Career Research Award, in recognition of her accomplishments and excellence in research; Joe Genco, professor of chemical engineering and director of the UMaine Pilot Plant, the 1998 Ashley S. Campbell Award, in recognition of his contributions to chemical engineering; Amos Cline, staff associate, the Leila C. Lowell Award, in recognition of exemplary service to the Department of Chemical Engineering. Not pictured is Eric Landis, assistant professor of civil engineering, the 1998 Award for Outstanding Accomplishment in Teaching by Young Faculty, in recognition of excellent teaching and commitment to students.

Photo by Michael York

ANNUAL PROFESSIONAL DEVELOPMENT CONFERENCE FOR CLASSIFIED EMPLOYEES

Two days of training workshops will highlight the third annual Classified Employees Development Days Nov. 19-20. Sponsored by the Classified Employees Advisory Council (CEAC), the Development Conference is designed to encourage professional development opportunities for classified employees at UMaine.

A variety of workshops will be offered throughout the Conference on such topics as Myers Briggs testing, CPR recertification, HRIS, FAST/Purchasing training, Yoga, cholesterol screenings and blood pressure checks, personal safety, attitudes and accommodations concerning disabilities, the Benefits Help Desk, and advanced FirstClass training. Many of the workshops will be repeated to provide employees scheduling flexibility.

A highlight of this year's conference will be a "hands on" safety training workshop, presented by employees of Central Maine Power, on Friday, 1:15-4:30 p.m. Classified employees are urged to register early for this popular training course.

During the conference, door prize drawings will be held. A brown bag lunch will be part of a "town meeting," facilitated by Suzanne Moulton, on Friday, 11 a.m.-1 p.m., Bangor Lounge.

Last year, more than 150 employees attended the two-day professional development conference. All classified employees are entitled to release time and invited to participate in this two-day professional development opportunity.

For more information or to register for the CMP workshop, contact Mary Malone via FirstClass.

We Remember

Brian Green

Brian Green, chair of the Department of Chemistry, died this summer at the age of 63.

Green came to UMaine in 1959 after receiving his Ph.D. in England. He worked first as a postdoctoral research associate with Professor G.R. Pettit, and joined the faculty of the Department of Chemistry in 1962.

Green's research interests included steroids, natural products, and 1,3-dipolar addition chemistry. His many achievements were recognized through a number of prestigious awards. He received two Alexander von Humboldt fellowships in 1964 and 1971 for sabbatical research at the University of Bonn and the Max Planck Institute for Biochemistry in Munich, Germany. In 1981, he was selected as the recipient of the Ashley S. Campbell Award in recognition of bringing distinguished teaching and service to engineering and science students at the University of Maine.

In 1987, he was named Distinguished Maine Professor.

Green will best be remembered for his love of teaching, dedication to his department, and devotion to his students. He did this through his high standards and vast knowledge, yet never wanted any praise or attention to be brought to himself. His students remember him as a very kind, gentle and intelligent man who cared deeply for his students. His classes were always stimulating and enhanced with his English wit and humor.

Green also had many interests outside chemistry. He logged more than 10,000 miles per year on his bicycle. He was an avid outdoor enthusiast who liked hiking, fishing and gardening. Extremely knowledgeable about classical music, he supported the Bangor Symphony. Green was fluent in German, and coordinated the graduate exchange program with the University of Salzburg.

Green's wife, Karen Boucias, is director of International Programs. Contributions in Green's name can be made to the Dr. Louis Goodfriend Scholarship at the University of Maine.

Albert Klinge

Albert Klinge, professor emeritus of agricultural engineering, died June 29 at the age of 75.

Klinge was born in 1923 in the small farming town of Dudleytown, Ind. He was working on the family farm when he was drafted into the Army in 1944. He served in the 87th infantry division and fought in the Battle of the Bulge.

After leaving the service, Klinge received a master's degrees in agricultural engineering from Purdue University, and a Ph.D. from UCLA. He joined the faculty of the Agricultural Engineering Department at the University of Maine in 1965.

At UMaine, Klinge taught courses in soil and water engineering, and in agricultural structures and environmental control. He also taught a mathematics service course to non-engineering students in the two-year programs in the then College of Life Science Agriculture. In addition, he created an engineering principles course for the Parks and Recreation Program – an important offering of the department for many years.

Klinge's research at UMaine included work on the performance of irrigation systems. He was responsible for some of the early research on composting of agricultural wastes, becoming an acknowledged expert on the subject. As a result, Klinge was in demand for his knowledge as composting became a more important environmental tool. He retired from the faculty in 1988.

Klinge was a hands-on engineer who practiced what he taught. He designed his own home and participated in the building process. An accomplished woodworker, he consulted on the construction of the Wilson Center on College Avenue.

Maine Perspective classified ads are free to faculty, staff and students at the University of Maine. Ads must be typewritten and include a telephone number. They will be published one week only unless otherwise specified. Send ads to: Maine Perspective Classifieds, Public Affairs.

FOR SALE

AUTOMOBILE: 1992 Ford van. 302 V-8, automatic transmission, A/C, PS, PB, airbag, heavy duty suspension, privacy glass, 95K, custom wheels, all-terrain tires, and much more. \$6,500. 866-4034.

AUTOMOBILE: 1989 Chevy S10 Blazer. 2-DR, AT, 4x4, V6, 5-spd., AC, cruise. One owner. New battery. 89k miles. \$3,700. Call 827-2859.

FIREWOOD: 16" split, delivered. \$100/cord; dry \$125/cord. Call 827-7091.

HOUSE: 2-BR house located within .7 miles of campus. Cathedral ceiling in LR, wood floor, built-in hutch in DR with 400 sq. feet of tile in kitchen, sitting room and bath. Master BR features large opening skylight. Newly remodeled kitchen made for serious cook. Dishwasher, disposal, gas stove. Sitting room looks across large deck into the University Forest. Lots of recessed lighting and natural materials throughout. Hot water baseboard and multi-fuel furnace will keep you warm all winter. Separate 15x15 workshop and garden shed provide good storage for skis and mountain bikes. Large landscaped lot, 2-entrance driveway and hand-pumped garden well. Move in next week for only \$85,000. Call 866-4034 anytime.

HOUSE: Route 9 Baileyville. Owner built and occupied. 3 BRs, large 2-car garage, 3 +/- acres with fruit trees and garden spots. Minutes from recreational areas and shopping. Privacy. Price drastically reduced. Call 454-7630.

HOUSE: Hampden. Nice 3-BR ranch, located in family development. Fireplace in LR, private deck and yard, new furnace and stove, formal DR, attached 2-car garage. Excellent school system. Asking \$89,900. Call 990-5601.

HOUSE: Spacious 4-BR, 3-level finished house in a quiet residential neighborhood in Orono. 4 bathrooms, large picture windows, large backyard. Large LR, DR, play/family room, eat-in kitchen. Complete set of appliances. Two fireplaces in the living and in the family rooms. Lots of built-in closets and

shelves. 2-car garage. Walk to UMaine and downtown. Plus, income producing apartment. \$142,900. Call 866-5983.

MISCELLANEOUS: 3-drawer dresser, \$20; 2-shelf bookshelf, \$20; foam futon, \$20; Panasonic dot matrix printer, \$30; men's 10-speed bike (needs new tires), \$15. Prices negotiable. Call 866-3863.

MISCELLANEOUS: Sears Craftsman complete set of automotive repair tools and toolchest. Retail value: \$360 (I have original invoice). Asking: \$250; yellow enamel table, oval, 35"x55", \$15. 5 volumes, Toyne's Study of History, paperbacks in good condition, \$10; Philip Glass opera, *Satyagraha*, box set CDs and libretto in new condition. Purchased for \$53. Asking \$28. Call 866-0813.

MOBILE HOME: 1972, 12x50, Newport with 2-room addition in quiet Orono park. W/D, appliances, 3-year-old furnace, woodstove. Moving-must sell. Asking \$7,000. Serious buyers please. WILL NEGOTIATE! Call 866-3863.

FOR RENT

APARTMENT: Orono. Large, sunny, 2-BR apartment with river views. Quiet, private location for responsible adults or a family. Convenient to UMaine. A must-see. \$550 plus utilities. No pets. Call 348-6764 or leave message, 348-5243.

ROOM: Share lovely 2-BR, quiet Bangor home with owner. Cost negotiable in exchange for help with household responsibilities. Ideal for faculty, staff, graduate student. Call 942-9846.

SERVICES

TREE REMOVAL SERVICE: Free estimates, many references. Seasoned firewood \$70 per 1/2 cord or \$130/cord, delivered. Commercial woodsplitter rental, 4-way wedge, free delivery. \$65/day or \$100/2 days. Call Gordon, 866-7034.

Classified Employees Scholarship Committee HALLOWEEN RAFFLE

Saturday, Oct. 31

9:30 a.m.-9 p.m.

Bangor Mall

Prizes: UMaine hockey tickets, Beanie Babies, a porcelain doll and Christmas figure.

Tickets are \$1; six for \$5.

To buy or sell tickets prior to Oct. 31, contact Chris Halsted, 581-1228, or any member of the Classified Employees Scholarship Committee.

SURPLUS SALE: The University of Maine offers for sale, on an as-is, where-is basis, the following: (1) COLOR SCANNER, Relisys 4816, 24 bit, 300 DPI, w/ adapter card and all software, about 3 1/2 years old, \$125; (120) THEATER/AUDITORIUM CHAIRS, with tablet arms, in rows of 5, attach to floor, FREE to a good home; (1) DESK WORKSTATION/COMPUTER TABLE, 30"x 60", formica top, chrome and steel base, cubby holes for storage but no desk type drawers, \$50; (3) EXERCISE MACHINES, Leg Extension, Bodymaster, Low Back Extension, Bodymaster & Cross Aerobics, Stairmaster, \$1,000 each or all 3 for \$2,500; (1) STORAGE TOWER for CD's, with lock, \$10. Off campus inquiries are welcome. Items generally sell for the prices specified, however, lower offers are sometimes considered. For further information contact Ron Logan, Purchasing Department, 581-2692 or e-mail: Logan@Maine.

Positions Available

The qualifications within the listings below are greatly abbreviated. In order to assess your background relative to the job and to submit the most effective application, contact the hiring department for more complete information. Guidelines for filling professional positions are available by contacting the Office of Equal Opportunity, x1226. A Request to Fill form must be approved before posting in Maine Perspective.

Assistant Professor or Associate Professor of Management Information Systems, Maine Business School.

Full-time, tenure-track position. Qualifications: Required: Appropriate doctoral degree in business administration or offer substantial evidence that the degree will be completed by the time of appointment. Must have strong background in Information Systems; demonstrate an aptitude for successful teaching, research, and public service in the field of MIS; and demonstrate eligibility to accept employment in the United States. Desirable: Teaching experience. Review of Applications: Will begin immediately and continue until a suitable candidate is found. Start Date: 9/1/99. Contact: Apply to: Patrick McMullen, Chair, MIS Search Committee, University of Maine, The Maine Business School, 5723 Donald P. Corbett Business Building, Orono, ME 04469-5723; (207) 581-1994; patmc@maine.maine.edu, <http://maine.maine.edu/~patmc>

Research Public Relations Officer, Office of Research and Graduate Studies.

Full-time, fiscal-year position. Qualifications: Required: Bachelor's degree in communications or a related field, master's preferred. Excellent verbal and written communication skills; effective organizational and interpersonal skills; experience with desktop publishing; enthusiasm, creativity and flexibility in working with others. Occasional travel, normally requiring a driver's license. Preferred: Some educational or professional background in the physical or natural sciences; experience interacting with the public, legislators and the media, and in selecting and managing subcontracts; familiarity with Microsoft Word, Excel, and PowerPoint, and web-site design. Salary Range: \$35,000-\$40,000, depending on experience and qualifications. Review of Applications: Will begin 11/1/98. Contact: Send resume, writing samples, and the names, telephone numbers, and addresses of three references to: Office of the Vice Provost of Research and Graduate Studies, Room 209, 5703 Alumni Hall, Orono, ME 04469-5703, attention Heather Almquist-Jacobson.

Residence Life Coordinator, Department of Residential Life. Fiscal-year, professional position. Qualifications: Master's degree in related field; several years full-time experience, including some in residence halls; excellent verbal and written communications skills; and demonstrated leadership abilities. Experience in working with students from a diverse background is helpful. Salary Range: \$23,000-\$26,000, furnished apartment, meals when resident meal plan is offered. Review of Applications: Will begin 11/15/98 and will continue until position is filled. Start Date: 1/4/99. Contact: Send letter of application, current resume, and three letters of reference to: Residence Life Coordinator Search Committee, 5734 Hilltop Commons, Orono ME 04469-5734.

Assistant Athletic Director/Development, Department of Athletics. Full-time, fiscal-year appointment with some travel and a flexible schedule required. Qualifications: Required: Bachelor's degree required, master's degree preferred; demonstrated, successful experience in annual and capital gift fund-raising for a multi-cultural program; excellent oral and written skills. Ability to travel, normally requiring a valid driver's license. Preferred: Knowledge of NCAA rules and regulations; general understanding of development software systems. Salary Range: \$38,000-\$48,000. Review of Applications: Will begin 11/16/98 and continue until the position is filled. Contact: Send resume and letter of application and references to: Suzanne Tyler, Director of Athletics, Room 215, 5747 Memorial Gym, Orono, ME 04469-5747.

The University of Maine does not discriminate on the basis of race, color, religion, sex, sexual orientation, national origin or citizenship status, age, disability or veteran status, and promotes affirmative action for women, minorities, persons with disabilities and veterans. Unless otherwise specified, the jobs are full-time and the address for the application information is: the contact person listed, department, University of Maine, Orono, ME 04469.

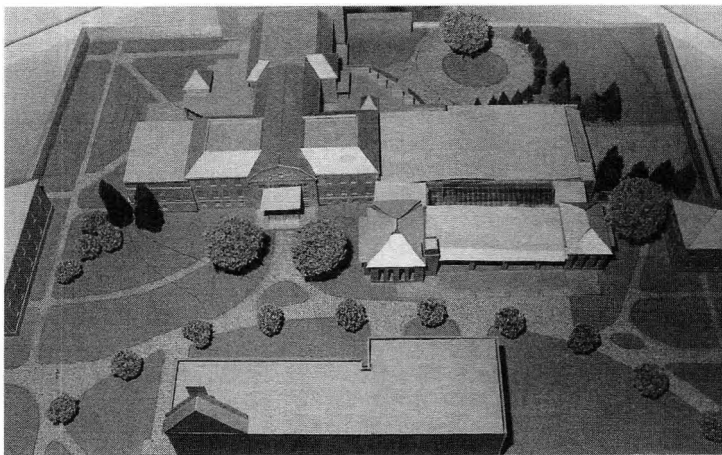
Union *continued from page 2*

Depending on when renovations and new construction begin, Union-based campus restaurants, which serve an average of 5,000 customers daily during the academic year, will temporarily relocate. According to Dan Sturup, area dining service manager, the hope is that another campus location can be found to provide basic take-out food, including a salad bar. It is expected that large-capacity sit-down daily dining on campus will be confined to the commons; members of the University community will be encouraged to consider the dining commons as alternative eating locations.

M.C. Fernald's was renovated last year in the expectation that it will help accommodate campus customers during Union construction. Fernald's, which now serves an average of 350 people daily, Monday-Friday, will be open seven days a week when Union restaurants close.

"We will need the support of the whole campus community, not only when it comes time to relocate to different sites but in dealing with not having restaurants in the Union for months," says Sturup. "We all will be inconvenienced but we'll all be very excited when the Union reopens. Seating for dining will more than double what it is now. All menu items will be under one location. It will be designed in a marketplace concept, not a mall-style food court. It should be a more efficient operation for customers."

Dining on what will be the Union's main concourse will incorporate the Damn Yankee. On the ground floor, the Bear's Den



A model of the Memorial Union renovation and expansion project shows the new addition on the south side of the existing facility, between Rogers Hall (far right) and Fogler Library (foreground).

UPDATE ON CAMPUS CONSTRUCTION PROJECTS

Fogler Library - Life safety and accessibility renovations continue. New sprinkler and fire alarm systems are being installed and asbestos removed. Interior renovation on the first floor, expected to be completed this fall, will include a new ceiling, lights, paint and carpet. Next summer, interior renovation of the large periodicals room on the second floor is expected to be complete. Also next summer, the library steps will be renovated.

Memorial Gym - A deferred maintenance project has begun to replace the window wall on the front of the facility. The aged, leaking windows will be replaced with new, energy-efficient windows.

Advanced Engineered Wood

Composites Center - Located behind the Onward Building, the facility is expected to be completed in December.

Winslow Hall - The cupolas will be restored this fall and spring.

Hauck Auditorium - A new stage floor has been installed.

Cutler Health Center - A new ventilation system is being designed for installation next spring.

Stevens Hall buildings - New fire alarms and an elevator for center Stevens will be installed.

will be transformed into a coffee house-style pub, complete with a small stage. Throughout the new Union, more space will be provided for student organizations and student-run operations like *Maine Campus* and WMEB. It will include a cinema/performance area, a computer store, an attractive atrium, and more than 20 meeting rooms, lounges and study facilities.

Funding for the project will come from a student fee (\$3.50 per credit hour beginning in spring 2000), contributions from the Bookstore and Dining Services, and outside fund raising. Last spring, an alumnus donated \$250,000 to create a Center for Student Leadership in the Union. ▲

Recruitment *continued from page 7*

country – a safe campus environment, quality of life and outdoor recreational opportunities – a combination of benefits not readily found on other campuses."

In addition to enrollment publications, recruitment and retention strategies for the coming year include:

▼ A four-color recruitment brochure, underwritten by Fleet Bank, is being mailed this week to 67,000 high school seniors outside New England and as far away as Missouri. This new publication with a very different look than the traditional college viewbook is focused on the value-added "good life in Maine"; if a similar mailing is done next year, greater emphasis will be placed on UMaine's competitive cost of attendance and generous financial aid packages.

▼ A pilot telemarketing campaign is under way this year. Two thousand prospective students – 80 percent of whom are from Maine – have been randomly selected. Half of the students will be called monthly through next spring by University students, while the other 1,000 students will receive more traditional contacts via mail. The goal is to determine if more personalized attention has a positive impact on the yield rate of students.

▼ A 12-minute recruitment video targeted to traditional-age prospective students has been produced by the Department of Public Affairs in conjunction with Enrollment Management. It is being mailed to high school guidance officers in Maine and to some outside the state.

▼ Spring receptions for admitted students, introduced last year at six locations around the state, will be held again in April. Based on last year's success, receptions will be added in Boston and the Camden/Rockport area.

▼ The toll-free number for Admissions has been reinstated: 1-877-4UM-ADMIT.

▼ The University of Maine Portland Office, now at 100 Foden Road, South Portland, is headed by Matt Isham. In partnership with the Alumni Association, the Portland Office will serve as an outreach arm of the Admissions office for the University's southern Maine recruitment efforts. Isham's responsibilities include visiting area high schools, planning and coordinating programs for the University in the Cumberland County, and meeting individually with prospective students.

▼ The Admissions staff will travel less this recruitment season, focusing more on quality visits to feeder schools proven to be the most productive schools in the state. The office will also rely more on alumni to represent UMaine at college fairs outside the state.

▼ Funding has been provided to the Career Center to work with some of the colleges in developing employment and salary surveys of recent graduates. Accurate career information about recent grads is critical to recruitment and retention. ▲

